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Lancaster Farming

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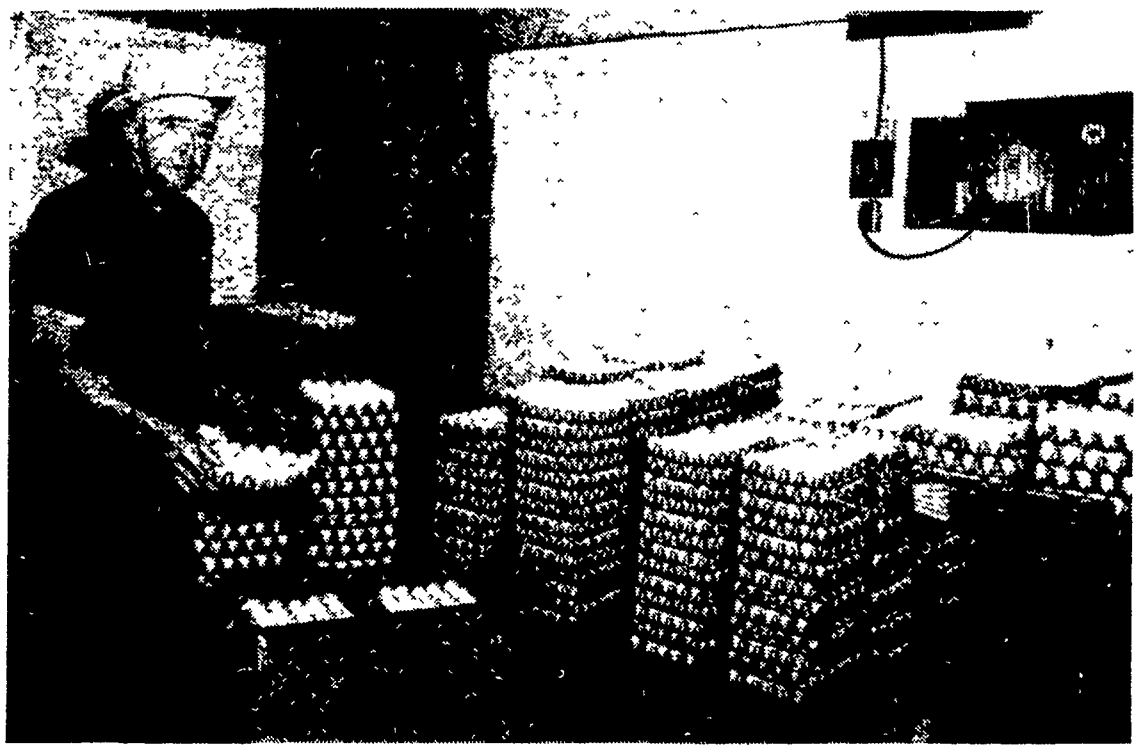

AARON GLICK LOOKS OVER SOME OF THE DAY'S production of eggs from the 12,000 pullets in his new cage laying house. The fan on the wall draws cooled air in through a humidifier to keep temperature down and moisture high in the room. The egg cases are kept in the room and are pre-conditioned before eggs are packed into them. None of the moisture is drawn out of the fresh egg by a dry case. All the eggs shown have been washed and sanitized immediately after gathering. The plastic fillers go through the automatic washer and into the case with the eggs. L. F. Photo

Caged Layer House Is Family Job For Glicks

What does a farmer do when he is fortunate enough to have six sons and a desire to keep them on the farm?

One good answer is being demonstrated by Aaron Glick, Quarryville R2.

You give the boys enough activity to keep them out of trouble and enough responsibility to keep them interested in the farming business

But most important you teach them the joy of work and the pleasure of doing a job well

Just about eight weeks ago, Glick completed a 27'x32 feet caged layer house and moved 12,000 pullets into the cages

Now the addition of 12 000 layers adds considerably to the work load on any farm, but with cooperation of all the members of a family group, the work load can be smoothed out with hardly a wrinkle.

The decision to build the house came earlier this summer when Glick and his eldest son Samuel, who is 16, decided they could manage the extra work with the help of John, 13, Marvin 10, and Kenneth, 7 Since the pullets have been in the house, the Glicks find that even Merle, who is "four almost five" and Evin who is only three, pitch in and help with the gathering of the eggs

Before building the new poultry house, Glick kept only about 2 000 layers in floor-type pens He still has these hens in addition to the new pullets in the cages

But poultry was not the only chore-time consideration on the farm The Glicks milk about 60 head of high grade and purebred Holsteins and have about 30 head of replacement stock They hope to eventually work into a completely registered herd of black-and-whites

To feed the 90 head, most of the 167 acres in the home farm as well as the 50 acres of rented ground is planted to corn and hay Thirty acres of additional hay ground is leased and harvested each year. The nine acres of tobacco represents the only major cash crop on the farm. About 15 acres of wheat are planted each year but, "mostly for the straw and as a nurse crop for hay," Glick said

"I decided we would need a larger operation with the boys growing up," Glick said,

(Continued on page 6)

Tobacco Harvest Half Finished; Winter Grain Seeding Begins

Tobacco harvest, on days when weather would allow kept many Lancaster County farmers busy during the last week. Estimates from around the county indicate that about half the crop is in the shed or on scaffolds Some of the later crops which were slowed by the drought are still growing and farmers were hopeful most crops would mature before a killing frost.

Reports from around the county indicate that the drop is fair to good in quality but not as high as last year. The thin leathery condition that most growers feared did not develop in the crops which were saved by the rains coming just at the critical time

Steady rains at last week end and early this week have put enough moisture in the ground to get early planted fall grains off to a good start Preparation of seedbeds and sowing of fall grains is getting under way with very little wheat in the ground by this week end, but many

(Continued on Page 12)

Farm Calendar

Sept. 8 - 11 a m —State Hampshire Sheep Field Day at Green Meadows Farms, of Bareville.

7:30 p m. - County FFA championship softball game between Solanco and Manor Chapters at Buck on Rt. 72 south of Lancaster.

Sept. 10 - 7:30 p.m. - County Soil Conservation District meet at the court house.

Sept. 11 - 1 20 p m. - Elizabethtown FFA meeting in the agriculture room of the Elizabethtown High School.

Sept. 11 - 8 p m.—Manor Young Farmers Association meets in the Penn Manor High School. Kyle Trout will lead discussion on poultry diseases and management.

Sept. 19—State Junior Dairy Show in the Farm Show Building, Harrisburg.

Sept. 20 - 7 30 p m —Manheim Young Farmers Association meeting in the Manheim Central High School Beef cattle management and steer feeding

Sept. 19-20-21—Solanco Fair in Quarryville.

Sept. 22 - 10 a m.—District 4-H horse and pony show at Ludwig Corners Show Grounds, Chester County.

Tobacco Bed Covers Of Plastic Look Promising

Could the use of plastic covers over tobacco beds help growers get plants of a larger size into the field earlier and thereby push tobacco harvest into a more favorable time?

This is what Henry B Engle, research Agronomist at the Southeastern Pennsylvania Research Laboratory at Landisville set out to discover last spring

His results just recently made available for publication, indicate that plastic does appear to give the grower an added jump on the weather In addition, Engle says, the use of plastic covers might give some protection against blue mold as well as insect and snail damage

Engle seeded three beds on April 5 and the next day covered one with the usual cotton muslin, another was covered with glass sash Because the plastic was not available immediately the third bed was not covered until April 17

Clear Polyethylene plastic film two mils thick was used

(Continued on Page 10)

Specialist Warns Of Danger From Silo Gasses

Recent drought conditions may cause farmers more problems than the obvious ones of reduced crop yields and poor quality hay and pasture Dry weather usually increases the danger of silo gas and nitrate poisoning, according to Richard Adams, Penn State University Dairy Specialist

Nitrogen dioxide gas even in small amounts has been fatal to many humans and animals.

Even in cases not fatal, nitrate poisoning may seriously affect health, reduce milk prduction, and interfere with normal reproduction The most alarming aspect of nitrate poinsoning is that symptoms, even lethal ones, do not show up until several days after exposure.

Large applications of nitrogen fertilizer, combined with unfavorable growing condi-

(Continued on Page 9)

Frey Cow Makes High Lactation; Witmer Herd Tops DHIA Averages

A registered Holstein cow in the herd of J Mowrey Frey, Jr, Lancaster R7, finished her lactation during July with the highest 305 day butterfat record in the Red Rose Dairy Herd Improvement Association.

The purebred Guernsey herd of Raymond and Louise Witmer, Willow Street R1, had the highest butterfat average during the month

The Frey cow produced 24 - 209 pounds of milk with a 3 7 test and 889 pounds of fat for the lactation. Second high lactation record was produced by a registered Holstein cow in the herd of Clarence Keener, Manheim R3. She produced 13,925 pounds of milk, 792 pounds of fat and a test of 5 7 in 305 days

The 46 Guernseys in the Witmer herd had a monthly average of 1,198 pounds of milk, 60 pounds of butterfat and a 5 0 test. Second high monthly herd average was made by the 19 registered Holsteins owned by Allen Lee Stoltzfus, Honey Brook R1 The Stoltzfus herd averaged 1,458 pounds of milk, 55 pounds of butter fat and had a 3 8 test

Two other cows in the association had more than 700 pounds of butterfat during the last lactation. Number 20, a registered Holstein in the herd of Paul Zimmerman made 719 pounds of butterfat in 16,304 pounds of milk with a 4.4 test.

(Continued on Page 12)

Prices are Up To Farmers; Costs are Steady

The index of prices received by farmers during the month ended August 15 increased nearly two per cent during the month, according to a report by the U S Department of Agriculture Crop Reporting Service.

Higher prices for fruit, livestock and livestock prices accounted for the increase which was partially offset by generally lower crop prices, except

(Continued on Page 12)

FIVE-DAY WEATHER FORECAST

Saturday-Wednesday

Temperatures during the next five days are expected to average two to seven degrees below the normal range of 58 at night to 79 in the afternoon. A moderating trend over the week end will be followed by a return to cooler weather by Monday. Precipitation may total 0.1 to 0.5 inch falling mainly Sunday or Sunday night.

Market News Reports

At Lancaster Yards

WEEKLY REVIEW

September 7

CATTLE 3550 Compared with 3920 head last week Supply includes 35 percent slaughter steers and 55 percent feeder steers Compared with last weeks close, slaughter steers 50 to mostly 1 00 higher Cows Grading Utility steady, Canner and Cutter 25 higher. Bulls steady Feeder steers about steady Trading moderately active Trading for Feeders fairly active late in week demand very good for fleshy 900-1100 lb feeder steers. Supply of feeders increase seasonally

Slaughter steers Two loads and small lot high Choice and Prime 1105-1273 lbs 31 50, several loads and lots mostly high Choice 1100-1275 lbs 30 25-31 00 Choice 950-1300 lbs 28 75-30 25, Good to low Choice 26 50-29 00 Standard 24 50-26 50

Lot high Choice and Prime about 978-984 lb heifers 27 00-27 25

Cows Cutter and Utility 16 25-18 00 Canner and low Cutter 14 75-16 25 Shelly canner down to 12 50

Bulls Utility and Commercial 19 50-22 50, Good grade 22 00-24 50

Feeder steers Good and Choice 750-1100 lb feeder steers 24 50-27 00, few medium 23 00-24 00, Good 600-700 lb. steers 24 75-25 25, Small lot Choice 450 lb steer calves 30 - 00

CALVES 500. Compared with 723 head last week. Trading moderately active. High Choice and Prime grade vealers 1 00-2 00 higher All others steady Good and Choice vealers 28 00-33 00, Choice and Prime 33 00-37 00, Few 38 00-39 00, Standard and low Good 25 00-28 00, Utility grade 22 - 00-25 00

HOGS 800 Compared with 1301 head last week. Trading moderately active Barrows and gilts 50 higher Sows steady Barrows and gilts U S 1-2 190-225 lbs 20 00-20 50, No 1's 190-220 lbs 20 50-21 00 1-3 190-230 lbs 19 50-20 00, 2-3 230-250 lbs 19 00-19 50

Sows U S 1-3 300-450 lbs 14 00-15 50 2-3 450-600 lbs 12 50-14 00

SHEEP 300 Compared with 365 head last week Trading moderately active Spring lambs steady Choice 60-90 lb spring slaughter lambs 21 00-23 00 few lots Choice and Prime 23 50-24 50 Good 17 00-21 00, Utility 13 00-17 00.

Vintage Sale

Federal - State Market News

Tuesday, Sept. 4

CATTLE 678. Compared with last Tuesday's market, slaughter steers fully 50 higher Cows 25 higher. Bulls fully steady.

High Choice and Prime grade slaghter steers 31 50-32 00, Several 32 10-32 50, Choice 950-1350 lbs. 29 00-31 00, Several 31 00-31 50, Good to low Choice 26 50-29 25, Standard 24 75-26 50.

Cutter and Utility cows 16 00-17 50, Canner and low Cutter 14 75-16 25. Shelly canner down to 12 50

Utility and Commercial bulls 20 00-22 50, Good grade 22 00-24 85

CALVES 631 Vealers steady to 1 00 higher Good and Choice vealers 28 00-35 00, Choice and Prime 35 00-40-00 Standard and low Good 25 00-28 00 Utility 21 00-25 00

Hogs 241 Barrows and gilts weak

U S 1-2 183-235 lbs barrows and gilts19 85-20 00, No 1's 191-232 lbs 20 10-20 35 1-3 181-220lbs. 19 00-19 75, 1-3 247-253 lbs 18 85-19 00, lot 2-3 275 lbs 17 50

SHEEP 73 Spring slaughter lambs steady Good and Choice 60-95 lb Spring Slaughter Lambs 16 00-21 50, Few Utility to choice shorn slaughter ewes 4 00-5 50.

Subscribe today—watch it pay!

New Holland Auction

Thursday, September 6

CATTLE 1163 Compared with last Thursdays market, slaughter steers 50-1 00 higher, Cows grading average cutter and better 50-75 higher, Canner and low Cutter 25-50 higher, Good grade bulls 50 higher, all others steady.

High Choice & Prime 1000-1350 lb slaughter steers 31.-00-32 75 few 33 00-33 10, Choice 950-1350 lbs. 29.00-31.00, Good to low Choice 26 75-29 00, standard 24 50-26 50

Two lots Good and Choice 800-818 lb. Heifers 26 25-26 75.

Cutter and Utility cows 16 - 25-18 75, Canner and low Cutter 15 00-16 25, Shelly canner down to 12 50.

Utility and Commercial bulls 20 00-22 50, Good grade 22 - 50-26 00, Few to 26 60.

Good and low Choice 659-981 lb feeder steers 23 25-24 85

CALVES 453 Vealers steady Good and Choice vealers 30 00-36 00, Choice and Prime 36 00-40 00, Standard and low Good 26 00-30 00, Utility 21 50-26 00.

* * *

New Holland reported a steady market on dairy animals at the September 5 auction There were 157 cows six bulls and eight stock heifers in the run

Fresh Holstein cows brought $275-420 while Guernseys sold for $175-260, and other breeds made $175-270 Stock bulls were $110-180, and stock heifers were $60-130.

At the September 3 sale of horses, ponies and mules, the crowd far outnumbered the 247 head in the sale run. The holiday crowd was one of the biggest in the history of the sale. Prices were about steady.

Mare ponies brought $75-115 and geldings made $40-115. Riding horses were $115-225, and riding horses brought $115-295. All mules went to the killers. Killer horses were 7½ to 8½ cents.

Chicago Cattle

CATTLE Receipts in the first three days this short holiday week 21,500 compared 28,400 in the first four days last week and 33,850 the same week a year ago which also included a holiday Twelve market receipts 153,700 compared 217,700 last week and 188,600 a year ago

Slaughter steer prices continued to trend sharply higher current weeks upturn mostly 50-1 00, marking nine out of ten weeks of a higher market for slaughter steers. Heifers 25-75 higher, least upturn on weights under 850 lbs Cows 1400 lb slaughter steers 32 75-33 50, load 1350 lbs at 33 and bulls fully 1 00 Higher Vealers fully steady Feeding cattle fully 50 higher

SLAUGHTER STEERS loadlots mostly Prime 1165-1400 lb slaughter steers32 75-33 50, load 1350 lbs at33.

(Continued on Page 9)

It's Holland Stone

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Why Crops Need Limestone

Two important ingredients needed by crops are calcium and magnesium. Both are regularly lost through the soil by the following ways:

(1) By leaching, which is a slow leaking away, a normal process where there is rainfall.
(2) By crop removals, Legumes, such as hay and other greens, are taken off the fields, instead of plowed under.
(3) By general use of the soil.

Because of this loss, the soil becomes what is known as high in acid. Putting on limestone may supply calcium and magnesium and correct the soil acidity at the same time.

It has been shown in experiments by agricultural colleges and experiment stations that for every dollar spent for limestone, from $3 to $15 are returned to the farmer through increased yields.

The U. S Government is so thoroughly convinced of the worth of applying limestone that about one-half of the cost is granted free when application is made for it. This is to encourage farmers to be certain to use limestone.

It does pay to use limestone!

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LANCASTER POULTRY CENTER

Prices Bounce Back Up

Broiler prices bounced back to above 18 cents for the second time since March. Two weeks ago at the Lancaster Poultry Center, broiler prices averaged above 18 cents for the first time in five months. Last week the average slipped to slightly under 18. The sale average at last year's corresponding sale was 12.23.

At Thursday's auction 68,500 broilers in 18 lots changed hands at prices ranging from 18 to 18.6 for a sale average of 18.30. The top lot was 2000 White Vantress at 9 weeks and two days, consigned by Andrew G. Miller and purchased by Carl B. Risser.

A total of 3,500 pullets in two lots brought 23 and 25 while five lots of roasters containing 7,850 head brought 22 to 23.1. Four lots of heavy fowl brought 15.5 to 16.0 for the 3,810 head, and three lots of 6,000 leghorn fowl sold for 9.6 to 9.8.

All lots on offer were sold. The Complete Sept. 6 sale offered and sold 90,300 head in 33 lots.

Following is the complete sale report with lot number, seller, grower in parenthesis, amount and breed, age in weeks and days, buyer and price.

Code: H-F-Heavy Fowl, WV-White Vantress, LF-Leghorn Fowl, IRP-Indian River Pullets, LX-Ledbrest Cross, MCX-Moore's Chesty Cross, C-Cockerels, P-Pullets.

1. Longeneckers Poultry Farm, 430 H-F, Daniel K. Good, 15.5; 2. Same, 720 H-F, Marvin Sweigart, 16.0; 335 Males, Marvin Sweigart, 8.8; 3. Ivan Z. Hoover, 1300 WV, 9-1, Marvin Sweigart, 18.3; 4. John H. Harnish, 1500 L-F, 15 mo., V. J. Koser Co. Inc., 9.7; 5. Same, 2000 L-F, 19 mo., V. J. Koser Co. Inc, 9.6; 100 Males, V. J. Koser Co. Inc., 7.8.

6. Miller & Bushong (Richard Blessing), 3500 WV, 8-2, Starr Poultry, 18.3; 7. Same (Kenneth Funk), 1100 IRP, 14-0, W. C. Mellinger & Son, 25.0; 8. Same (Estella Nissley), 2000 WV, 8-3, Roy E. Ream, 18 5; 9. Same (Clarence Huber), 1000 WVP, 9-0, W. C. Mellinger & Son, 18 5 10. Same (Elam B. Reihl), 1000 WVP, 9-3, W. C. Mellinger & Son, 18.2.

11. Robert Barr, 2500 L-F, 16 mo., V. J. Koser Co. Inc., 9.8; 33. Same, 205 Males, Carl B. Risser, 8 1; 12. Andrew G. Miller, 2000 LX, 9-2, John N. Thomas, 18 5; 13. Same, 2000 WV, 9-2, Daniel K. Good, 18.4; 14. Same, 2000 WV, 9-0, Carl B. Risser, 18.6; 15. M & B (Stanley Carpenter), 8000 WV, 8-6, Daniel K. Good, 18.-4.

(Continued on Page 9)

● Delmarva

Prices Gain Quarter Cent

Live broiler prices in Delmarva increased approximately ¼ cent during the 24 hour period ending 10:30 Friday morning. A fair demand took the light offerings.

Delmarva reported prices of 17.3 to 18.5 for 1,013,200 head at farms during the period. Most of the at-farm sales were at 17.5 to 17.9.

Ready to cook demand increased from a fair to good position with a good inquiry for next week. Estimated slaughter by eastern shore processors for the week end was 826,000 head compared to the 693,000 head last week end.

The Delmarva broiler-feed ratio for the week ending August 31 was steady with the previous week at 3.7. Broilers averaged 17.27 and 20 per cent mash cost the grower $94.75 per ton.

For the comparable week a year ago, the ratio stood at 2 7 when broilers averaged 12 62 and mash cost $93.52 per ton. Six months ago the ratio stood at 4.3 with broilers at 19.41 and mash at $90.37 per ton.

Tip To Fishermen

If you run out of bait a strip of white cloth on your line will sometimes do just as well.

Weekly New York Egg Mkt.

From Monday, September 3rd to Friday, September 7th

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Ex. Fcy. Hywts.		44½	44½	44½	46
Fcy. Hywts.		41	41	41	42
Fcy. Med.		33½	33½	33½	33½
No. 1 Med.		32½	32½	32½	32½
Pullets		21½	21½	21½	20½-21
Peewees		15½	15½	15½	15½
BROWN					
Ex. Fcy. Hywts.		44	44	44	46
Fcy. Hywts.		41	41	41	43
Fcy. Med.		33½	33½	33½	33½
Pullets		23	23	23	23
Peewees		15½	15½	15½	15½
MIXED					
Fcy. Hywts.		40	40	40	40
No. 1 Med.		31½	31½	31½	31½
Pullets		20	20	20	20
Stds.		31½	31½	32½-33½	33½
Checks		27½	27½	27½	27½

TREND: Shell egg market firmer under a variety of influences including more active open market bidding and buying of fancy large on all shell colors.

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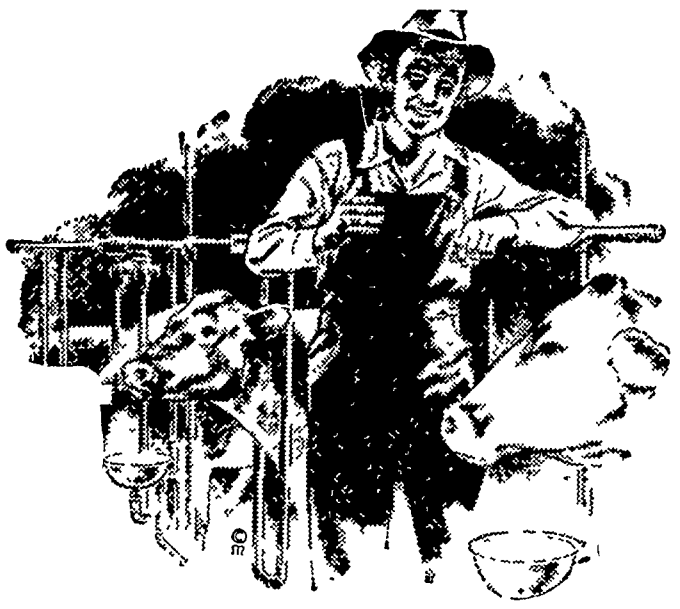
Consumers have become nutrition conscious when they shop for food. Last year, the average American shopper spent a dollar this way: 34c for meats and poultry; 23c for vegetables and fruits; 19c for dairy foods; 16c for breads and cereals; and 8c for miscellaneous products. Consumers usually spend about one-fifth of the food dollar on dairy foods, one of the basic four food groups recognized as the foundation for a good diet.

Americans have a big appetite for ice cream and other frozen dairy foods. They consumed 19 7 quarts per capita of these products last year.

Cottage cheese has established itself as one of America's favorite foods Consumption averaged 4 7 pounds per person in 1961, only one-tenth of a pound less than the record set in 1960. Today's usage is twice as much as that of 15 years ago.

FLORIN DAIRY RATIONS



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From Where We Stand . . .

Land And People Conferences

The United States Department of Agriculture has slated a series of five regional "Land and People" conferences during the months of September and October

One of these conferences is to be held in Philadelphia on October 22 and 23 The other ones will take place in Missouri, Oregon, Colorado and Louisiana

The public has been invited to participate in all of these conferences Specifically, the Secretary of Agriculture is inviting both rural and urban leaders alike to come and discuss matters of vital concern to Rural Development and Conservation.

At each of the conferences a panel of regional speakers familiar with local conditions, headed by the governor of the host state, will present information on two basic subjects — Rural Changes in our Region and Stimulating Economic Growth in Rural Areas.

At one session of the conferences the public will have an opportunity to express individual views in discussion groups Each discussion group will have a recorder who will attempt to capture the consensus of the group to be reported to the final session of the conference

The four discussion groups include the following topics·

1 How can family farms be strengthened for rural improvement and development?

2 How can uses and conservation of land and water expand income, employment and better living in rural communities?

3 How can planning and implementation of economic development for a county or rural area be accomplished?

4 How important is Rural-urban community planning?

There will be many in Lancaster County who will say we have no need for such a conference and no good can come from such a meeting. We are sure the last part of this thought will be true unless there are rural leaders and farmers willing to attend the conferences with an open mind and a willingness to discuss and act upon mutual problems

Lancaster County certainly is in a most fortunate position economically compared to many counties of the state, but this is not to say there are no problems here.

We believe Lancaster County does have problems of rural-urban relationships that need to be aired and discussed at such a conference. We believe great good could come from such a conference, but we believe that great good will not come unless the conference is well attended.

If you feel that Lancaster County should be represented along with the other rural counties of Pennsylvania and the other northeast states, we urge you to make an effort to attend one or all the sessions in the Sheraton Hotel in Philadelphia.

This is an opportunity to let the U S. Department of Agriculture know what the farmer is thinking. It may do little good to attend the conference, but it does NO good to complain about programs after they have been initiated.

Further information about the conferences is available from the Farmers Administration. We urge all rural people to become informed about these meetings and to attend them if possible. We owe that much to ourselves in the interest of rural Lancaster County.

At least that's how it looks from where we stand.

★ ★ ★ ★

Neighbor's Crabgrass

Once in a while we run across something written by someone else that we would just like to share with the readers of this column Especially is this true if the piece hits particularly close home

Such is the following article written for a farm magazine by a Ruth Norton. It caused us to take a look at our garden Perhaps you will look at yours too

"Bothered By Neighbor Crab Grass? The other day I was looking at my neighbor's garden, and couldn't help thinking that the weeds were flourishing as well as the flowers When I came home, I looked at my own garden and to my amazement saw weeds I didn't know were there One short, critical glance was enough to reveal my neighbor's weeds, but I missed my own—and I see my garden every day. How easy it is, I thought, to reform other people—but how much more difficult to "weed" out our own faults.

"A woman I know moved into a run-down neighborhood. She tended to be critical of her neighbors at first, but hit upon the idea of washing her own doorstep spotlessly clean. Day after day she scrubbed, saying nothing about it. Within a few months, the neighbors were using their own scrub brushes.

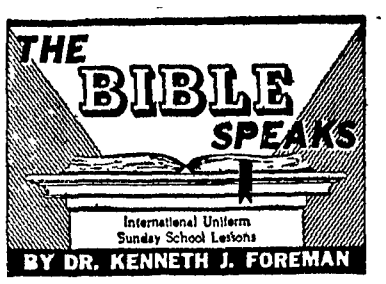
"Instead of criticizing a friend or relative, wouldn't it be better if we took a closer look at our own faults and tried to improve ourselves? We might find that the very thing we criticized is something we have been guilty of ourselves.

"Try looking for the good things in others, and you will be a happier and better person for it. And don't forget to keep that garden weeded!"

★ ★ ★ ★

The magazine, Chain Store Age, reports that sales of canned and bottled juices by the food chains will top $330 million this year. The typical American family spends $154 a year for these products.

★ ★ ★ ★



Bible Material: Haggai; Zechariah 4 6-10, 6 18-22, Ezra 3, 4 24, 5 8-11
Devotional Reading. Psalm 96 1-6.

Start and Finish

Lesson for September 9, 1962

THE TWO parts or stages of any job, or of any enterprise, which are the hardest, are starting and finishing. It is more difficult to set a great liner on her way,

Dr. Foreman

harder to bring it through the harbor traffic at the end of the voyage, than to handle the ship on open water in mid-voyage. It is harder for a student to get himself organized and get to work, than it is to keep going once he has started. And it is harder to bring that term paper together as it ought to be finished up, than it was to write on and on. What were the critical moments in the historic space flight of Col John Glenn? Getting off the pad and into orbit, and re-entering the atmosphere and being picked up by a ship, were much trickier and dangerous than roaring through space at 17,000 miles an hour.

The Blueprint's Getting Yellow

Once there was a church that decided to build a new sanctuary. They employed an architect, who drew up plans, and had blueprints made. Then the church officers began to be afraid they didn't have quite enough money, so they put off starting . . . and kept on putting it off for years Nobody had a bad conscience about it, because they had started, hadn't they? But finally it dawned on a new preacher there that the blueprints were actually lost. And when after quite a search he found them, they had begun to look yellow. Not only that, but the town had changed so much that the old blueprints were out of date. Something like that happened in Jerusalem long ago when the second Temple was started. It was 20 years between the time the foundations were finished, and the final work on the building. Indeed if it had not been for those persistent prophets, Haggai and Zechariah, who knows when the Temple would have been finished?

These prophets were an interesting contrast. Zechariah was a dreamer of dreams, a seer of visions; much of his prophecy is obscure to this day. Haggai was no mystic, every word of his prophecy can be plainly understood. But prosaic as Haggai was, and fanciful as Zechariah was, they united on one point: The Temple must be FINISHED. Starting is not enough.

Things Don't Finish Themselves

A mistake that lazy people make is to think that by some kind of magic, things will finish themselves. Who has not known the amateur gardener who in springtime was full of enthusiasm, but whose garden by midsummer looked like the prize weed-bed that it was? Every school knows about the teen-age 'drop-outs," the boys and girls who can't take the time or the trouble to finish high school and so all their lives are under the handicap of not having even a high school diploma. Many a woman has a bureau drawer filled with things she started but didn't finish—pieces of sewing, maybe a pile of unfinished letters, photographs she meant to put in her album but stuck in here till they're all curled and mixed up. Teachers of language know too well the student who starts easily enough, and expects the going to be easier and easier once he has passed the first week's lessons . . . and when it doesn't turn out that way, he gives up and gives out.

A Thing Unfinished

A thing unfinished is that way either because it couldn't possibly be finished no matter what, or because although it could have been finished not a soul was willing to work hard enough to get the job done If a thing stays unfinished because it couldn't be helped, maybe it is a sign of lack of foresight on somebody's part. There is such a thing as starting too soon Jesus told a parable about a man who started a house when he did not have and could not get money to finish it. One such house stood in a village for years, known for a generation as "So-and-so's Folly." Or maybe the thing is unfinished because no one has the ambition or the gumption to do what it takes to do it right. A contractor once said that he banished the word "practically" from his organization. A thing "practically" done is done all but the most difficult part! A thing unfinished may as well not have been begun.

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U S A. Released by Community Press Service.)

Now Is The Time . . .

BY MAX SMITH

MAX M. SMITH

My next two reports will be written enroute to and from the annual meeting of County Agricultural Agents at Las Cruces, New Mexico.

OHIO RIVER VALLEYS — are colored with acres of golden-colored burley tobacco this time of year, this tobacco is planted very thick, grows to six feet in height and turns yellow as it ripens. It is cut, speared on a lath and left in the field several days before hanging in the shed. Crop is on quota and support price.

OZARKS OF MISSOURI — are very scenic and the lumber business is a big one Highways are full of trucks going to and from the many sawmills; the scent of fresh lumber continues to give this farm boy an appreciation of natural resources and a bigger appetite for supper. Here we find millions of acres of good lumber in the making.

OKLAHOMA AND TEXAS — makes one realize that the west is still mighty big and open country The ranges are badly eroded where sloping terrain is present Conservation practices with diversion terraces are being introduced The livestock visible from the highway are in need of quality improvement and many show the continued presence of Texas Longhorn type Large acreage of cotton and grain sorghum covers the fertile areas where irrigation water is available. Many areas of lowland are still under water in these two states; rains have been heavy this summer. Sky-reaching grain elevators dot the horizon in every direction to remind us of the recent grain and cotton scandal of a certain Texan.

NEW MEXICO — will be the most distant of our travels, and possess little of our Lancaster County agriculture. The meek little ranch buildings surrounded by thousands of

(Continued on page 5)

Letters

Editor Lancaster Farming

Dear Sir·

I want to compliment you on the courage on your editorial on the slowness of the committee to declare Lancaster County a disaster area I could not see how anyone who knows anything about farming could drive through the northern part of our county and not realize that many farmers were very seriously hurt Sectional pride is a poor reason for denying these families of all the help that can be made available to help them

Also I would like to invite you to stop here at the farm when you can Our son is in the process of building up a dairy enterprise that I know would be of interest to you The barn we have built has proven more than satisfactory - cow comfort, good labor efficiency and automatic silage feeding without expensive mechanical device, to say nothing of low investment per cow

You will also be interested in our hybrid poplar project We this year made a small planting on the old iron ore bank east of Elverson. This bank has been completely bare of vegetation in the fifty years I have known it The results of this planting show a lot of promise for the many ugly eyesores in the open pit iron and coal mining areas

Sincerely yours,
Miles W. Fry

Lancaster Farming

Lancaster County's Own Farm Weekly

P O Box 1524
Lancaster, Penna.
P O Box 266 - Lititz, Pa.

Offices:
22 E Main St
Lititz, Pa
Phone - Lancaster
EXpress 4-3047 or
Lititz MA 6-2191

Jack Owen, Editor
Robert G Campbell,
Advertising Director

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Local Swine Breeder To Judge Hogs At Pa. Livestock Show

A well known Lancaster County Swine breeder will be one of the 16 judges from 10 states who were recently named to pick the winners in the sixth annual Pennsylvania Livestock Exposition.

Arlie Anderson, Masonic Home Farms, Elizabethtown, will be one of the swine judges at the November 5 - 9 show in the Farm Show Building, Harrisburg.

Other swine judges at the show which will award money prizes of $80,000 will be Arthur Jordan, Ohio State University, Columbus, Ohio; Harlan Ritchie, Michigan State University, E Lansing, Michigan, and Charles Barnhart, University of Kentucky, Lexington, Kentucky.

Carcass classes Robert W. Bray, University of Wisconsin, Madison, Wisconsin.

Six of the experts will judge the beef cattle They are James P Keen, Moles Hill Farm, Millerton, N. Y.; W A Cowan, University of Connecticut, Storrs, Connecticut; Don L Good, Kansas State University, Manhattan, Kansas, John Minish, Clio, Iowa, Harold L. Parks, Iowa State University, Ames, Iowa, and Rolland H. Mullinix, Woodbine, Maryland.

Sheep judges are Jack Judy, Ohio State University, Columbus, Ohio; Jack Goater, Baxter, Pennsylvania, and Don E. Bell, Ohio Experiment Station, Wooster, Ohio.

Offering the best array of livestock under one roof in the East, the show will present top quality animals from outstanding breeders in the United States and Canada, according to Dr. William L. Henning, Pennsylvania secretary of agriculture and chairman of the sponsoring Pennsylvania Farm Show Commission.

Included will be market steers, barrows and wethers with carcass classes in each category Among the steer exhibits will be animals fed for market by FFA and 4-H Club youths as their educational projects in animal husbandry Two hundred and fifty 4-H youths will put on a horse show as part of the evening entertainment Other evening features will include indoor polo matches, livestock parades and calf scrambles

Howard H White, Allentown, Pennsylvania, is general chairman of the exposition Ben Morgan, is general superintendent, and Tom King, assistant superintendent Both are extension livestock specialists at the Pennsylvania State University, University Park, Pennsylvania Co-sponsoring the exposition are the Pennsylvania Department of Agriculture

Even Intervals No Advantage In Milking

Recent experiments at the University of Minnesota with two groups of twin dairy animals show that it makes little difference whether cows are milked every 12 hours or on an 8-16 hour interval.

All factors considered, the Minnesota researchers found that cows milked every 12 hours produced only about 1 2 per cent more milk and 0 8 per cent more total fat.

An advantage of the 8-16 hour interval, they say, is that it permits a shorter work day for the dairyman.

● Now Is The Time

(Continued from Page 4)

acres of sagebrush and tumbleweed presents monotony and a "get-back-home" desire Towns and villages are quite distant (30 to 50 miles) but depend upon agriculture for their living Plant life is scarce without irrigation Cloudless skies and low humidity (10-12 per cent) presents the desert setting and appearance of this open prairie of the Southwest. A skinny jackrabbit every 500 miles reflects the scarcity of wild game in this mounted sagebrush country

SPECIAL FEEDER STEER SALES

Johnson City Livestock Market

Johnson City, Tenn.

Friday, September 14

and

Friday, October 12

Most of these cattle will be from good to choice steers weighing from 500 to 1,100 pounds.

Cattle will be weighed Friday and sold Friday night — Sale beginning at 7 p.m.

Feeder Calf Sale

TUESDAY, OCTOBER 2

MOUNTAIN BREEDERS HEREFORD FEEDER CALF SALE

These calves will weigh between 300 and 600 pounds. All calves will be dehorned, castrated and vaccinated for blackleg and shipping fever.

All these calves were sired by registered bulls and are out of good grade beef type cows.

For additional information write of call

Johnson City Livestock Market

Box 36, Johnson City, Tenn. Phone: WA 6-3933

FREE! all-purpose Scoop

$1.89 Retail Value

This handy all-purpose scoop has dozens of uses. Made of high quality polyethylene that will not break or crack.

TO GET YOUR FREE SCOOP save 8 coupons from Red Rose Milk Replacer (complete nutrition for the young calf), Red Rose Dog and Puppy Food (the food of condition and vigor), Red Rose Equimader (NEW--high performance horse feed), and Red Rose Rumenator (high quality booster feed for dairy and beef animals) *Complete instructions for receiving your scoop are on the coupon*

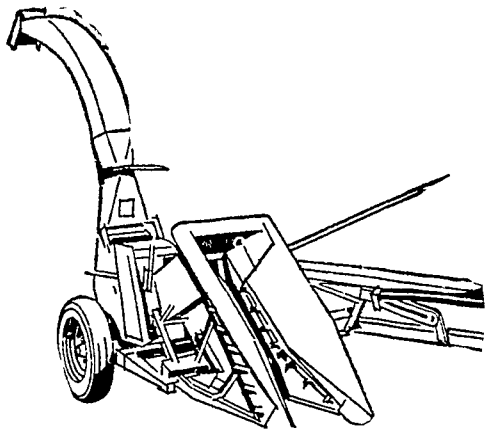
For more details, see your Red Rose Feed Dealer

McCormick No. 16 & No. 50 FIELD HARVESTERS

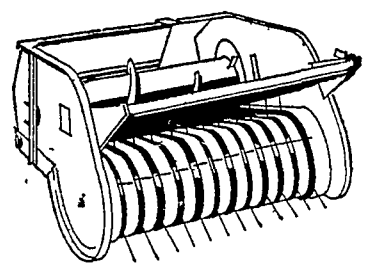
THE NO. 16 FIELD HARVESTER CHOPS WITH THE BIGGEST! PRICED WITH THE LOWEST!

Out-Chopped Them All At The Grasslands Field Days at Hershey.

The No. 50 Chops Finer With Less Effort.



Now you can chop row crops at a 40-ton-per hour clip . . . then switch to cutter bar or windrow pickup in 10 minutes or less! It's the new McCormick No. 16 Field Harvester.



Power requirements are low, too. The No. 16 can be pto-driven by a 2-3-plow tractor. Visit us and see all the IH quality features — features that will keep your new No. 16 field harvester chopping years longer. Watch pull-in feeding and high-speed aprons compress the crop . . . . . chop a wagon-full in just a few minutes.

The IHC "50" chopper created a lot of interest among farmers who wanted to examine the fine-cutting knives.

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ALL SIX BOYS IN THE Aaron Glick family share in the egg chores. At far left is John, 13 years old, who gathers most of the eggs from the cages. At far end of the washer is Samuel, 16, who does the feeding and helps with gathering and washing of the eggs. Taking the eggs from the washer is Marvin, 10, who does most of the washing assisted by Kenneth, 7, at the far right in the front row. With Kenneth, who took time out from his chores to pose for the photographer are four-year-old Merle who will soon be five, and Elvin, who is three. Merle and Elvin help gather the eggs. L. F. Photo

● Caged Layer

(From Page 1)

"And we can handle it all right if we all keep our health."

It is easy to see that the "we" is not just a figure of speech when chore time comes Samuel begins the feeding with a motor-driven, self-unloading feed cart which takes bulk feed from the 13 ton bin by gravity and puts it in the troughs in front of the cages with no lifting or pouring by the operator

As Samuel begins feeding, John and Marvin begin gathering the eggs on plastic case fillers on four wheeled carts. Feeding takes only about a half hour and Samuel helps John finish with the gathering while Marvin and Kenneth begin putting the eggs through the automatic washer. Sometimes Merle helps with the egg gathering, and even three year old Elvin hitches a ride on the cart and picks eggs off the front of the cages. And he knows they have to be packed with the little end down.

Before you know it, the eggs are sanitized and ready to go into the humidified and air conditioned cooling room, where they will be put into the pre-conditioned cases. The cooling room, which is 22x20 feet, easily holds the production for half a week until they are picked up by the dealer's truck.

The egg room, containing the washer and a work table is 30x30 feet. Another room contains the water system including hot water tank, the heating system, rest room and office space.

In the chicken house itself, environment is rigidly controlled. There are no windows for light or ventilation. Over 160 electric bulbs burn for 14 hours each day coming on at 4 a.m. so that most of the eggs are laid before the morn-

(continued on page 7)

ALL "Certified" SEED IS NOT ALIKE

DON'T LET ANYBODY tell you all Certified seed is the same. There IS a difference! A. H. Hoffman Seeds, Inc. is not only the largest producer of "Certified" winter grains in Pennsylvania, but the superior quality of Hoffman "Certified" seeds exceed the state certification standards by a wide margin.

FOR EXAMPLE:

Penna. Certification Requirements for Barley		A. H. Hoffman's Certified WONG BARLEY (3 year average)
99.00% (minimum)	PURITY	99.79%
1.00% (maximum)	INERT MATTER	0.20%
90.00% (minimum)	GERMINATION	94.6%
46 lbs. (minimum)	WT. PER. BU.	48.8 lbs.

The certification tag is not enough. Hoffman tags on the seed you sow can mean bigger crop profits for you. That fact has been demonstrated over 60 years.

Get complete information and prices on Hoffman Wong BARLEY; Norline OATS, Red Coat, Pennoll, Dual, and Seneca WHEAT, Balboa and Tetra-Petkus RYE.

Contact your Hoffman Seedman or phone TW 8-3421 for delivery to your farm.

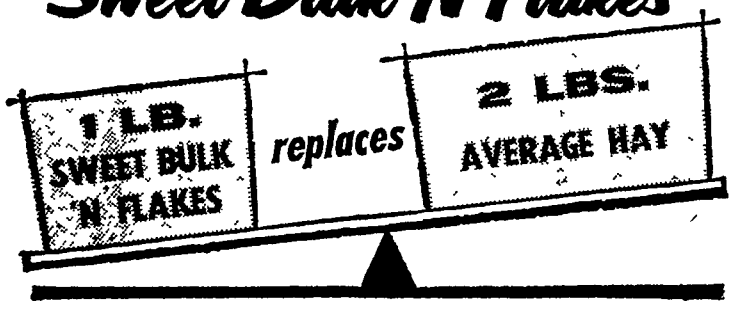
FUNK'S G HYBRID

A.H. Hoffman Seeds, INC.
Landisville, Penna.

WHY BUY POOR QUALITY HAY ???

...use MASTER MIX

Sweet Bulk 'N Flakes



On a feed value basis, MASTER MIX SWEET BULK 'N FLAKES costs no more than good quality hay in some areas . . . plus —

- ► Increases water intake
- ► Promotes better health
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Sweet Bulk 'N Flakes . . . the greatest bulky feed discovery in 25 years.
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LANC. COUNTY SERVICES FARM... & HOME SUPPLIES FARM BUREAU

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● Caged Layer

(Continued from Page 6)

ing gathering.

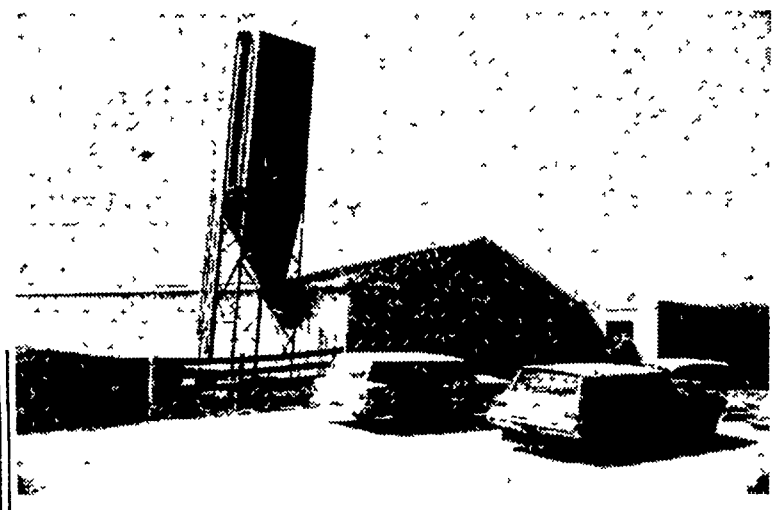
Ventilation is supplied by a series of fans which are controlled by thermostat. Air is exhausted by the fans, drawing fresh air into the building through openings at the eaves. Glick feels that this keeps the rest of the rooms cleaner because no air is forced into the egg room from the cage room.

In fact, when the egg room door is opened, a small draft into the cage room can be felt.

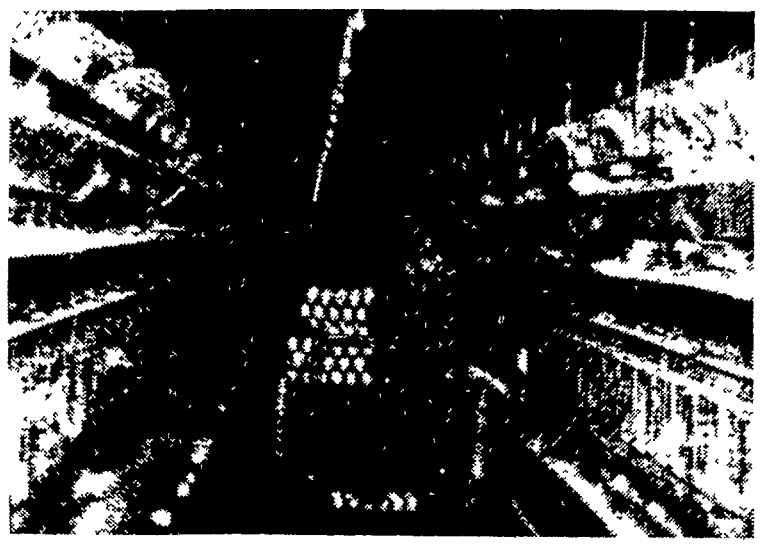
Temperature in the building varies very little, Glick says, because all sides and ceiling are fully insulated The building is of frame construction with Masonite siding on both outside and inside.

The pullets, when they had been in the cages six weeks, were producing 80 per cent and increasing daily. Glick believes the high rate of increase is due to the controlled atmospheric conditions and the fact that the pullets do most of their work in the morning

(Continued on Page 8)



NO WINDOWS IN THE SIDE of the building shows that the atmosphere inside would have to be artificially controlled. Thermostatically controlled fans provide ventilation and time-clock controlled electric bulbs furnish light for the 12,000 pullets in the cages inside. The bulk feed bin holds 13 tons and is unloaded into the feed cart inside the house by gravity. Well lighted egg room at the front of the building makes egg chores pleasant for the Glick family. L. F. Photo



EVEN THREE YEAR OLD Elvin is not too small to enjoy gathering eggs. Here he sits on the front of the egg cart pushed by his brother John. Elvin knows the eggs have to be packed with the little end down to preserve the high quality. L. F. Photo

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SMALL GRAIN SEEDING

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Tuesday, September 18, 1962
Farm Bureau Auditorium
Dillerville Road
Lancaster, Penna.

Monday, September 24, 1962
Quarryville Fire Hall
East State Street
Quarryville, Penna.

7:00 p.m. HERD MANAGEMENT FROM THE MILKING MACHINE STANDPOINT
Mr. Stephen Spencer, Dairy Specialist, Pennsylvania State University

7:30 p.m. COWculator PROGRAM
Mr. A. F. Kish, Manager, Feed and Poultry Services, Pennsylvania Farm Bureau

8:00 p.m. MILK QUALITY TESTS
Dr. Samuel B. Guss, V.M.D.
Pennsylvania State University

8:30 p.m. DAIRY FEEDING by Farm Bureau
John E. Wolgemuth, Assistant General Manager & Sales Manager, Lancaster Farm Bureau

9:00 p.m. ADJOURN, Refreshments and Informal Discussion

ALL DAIRYMEN are welcome and urged to attend one of the clinics. Here is an opportunity to benefit from the experience and special training of Pennsylvania State University Specialists as well as Farm Bureau personnel. MARK YOUR CALENDAR NOW — reserve the date of your choice for an interesting and educational evening.

Start Today..Feed The Farm Bureau Way!

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- 90° turns and "T" junctions without troublesome universal joints.
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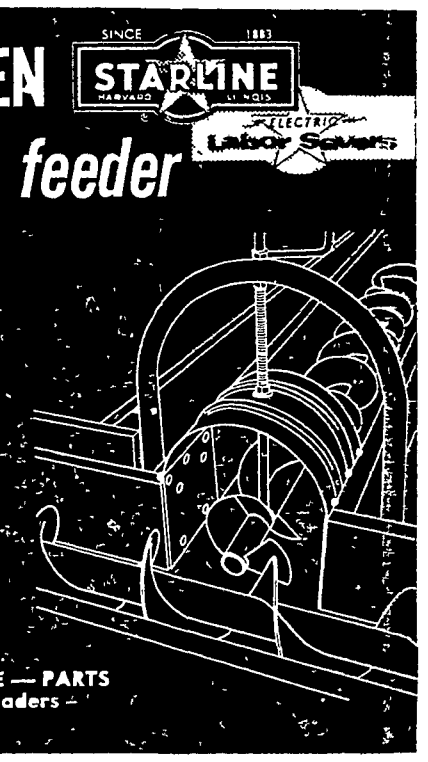
- Choice of motors from 1½ to 5 H.P.—protected against mechanical or electrical burnouts.



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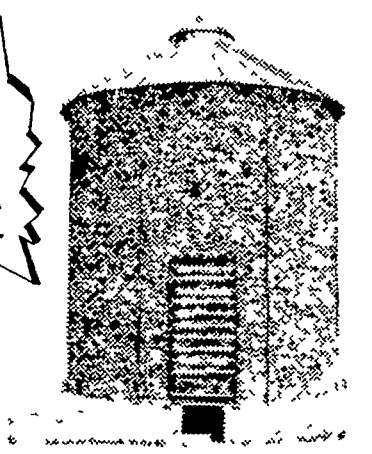
Over 1200 bu capacity—means 1st year storage at less than 25¢ per bu.

EXCLUSIVE SPEEDY ROOF RAFTERS MAKE *SPEEDY* CORN CRIBS



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Stands up best—lasts longer

Wire mesh panels are 5 gauge wire—thick as a '4' bolt! No bulge or sag. Sturdy 26-gauge galvanized roof is securely anchored to 9 steel roof rafters and side panels. Can't blow off!

Come in today and see the Speedy Bar-Lok corn crib. Let us prove to you that Speedy is twice as fast—twice as easy to erect. Let us show you all the other features that make Speedy Bar-Lok your best corn crib buy.

LANDIS BROS., INC.
Manheim Pike **Lanc. EX 3-3906**

USDA Adopts Hog Cholera Regulations

The U S Department of Agriculture has adopted regulations to support the State-Federal effort to eradicate hog cholera from the United States.

These regulations, concerned with interstate shipment of swine and virulent hog cholera virus, are scheduled to be published today in the Federal Register and will become effective Nov. 5.

The proposed regulations were first published in the Federal Register on March 7 by USDA's Agricultural Research Service. The final regulations were prepared following consideration of comments received from the industry.

The new regulations prohibit interstate movement of swine infected with hog cholera. They also prohibit, except under specified conditions, interstate movement of swine exposed to the disease, swine fed raw garbage, virulent hog cholera virus (after Jan 1, 1963), and swine treated with virulent virus (after July 1, 1963).

Other provisions of the regulations established procedures for vaccination and health certification of feeder and breeder swine shipped interstate

Hog cholera, a virus disease that affects only hogs, costs the United States about $50 million a year. It kills more pigs past weaning age than any other single disease. Eradication of hog cholera has been sought for many years by swine and meat-producting groups and State agricultural and livestock health authorities

The cooperative eradication program calls for increasing hog cholera vaccination improving the system for reporting disease outbreaks, cooking garbage fed to swine, quarantining and disposing of infected and exposed swine herds, disinfecting premises and vehicles, and regulating movements of swine to prevent spread of disease. An information and education program is being developed to increase public understanding and insure the effective cooperation needed to eradicate hog cholera.

● Caged Layer

(Continued from Page 7)

hours and rest during the hot part of the afternoon.

Glick raised only a few of his pullets this year, but plans to raise more of them next year The pullets now in the cages will be kept for about 14 months of lay. Next year, he will grow more of the pullets on his own farm, or possibly contract with another grower to take care of the feeding and management of the chicks.

When we remarked about the high capital investment in such a venture, Glick said, "Well I haven't lost any sleep yet — maybe I will before it there are more important is all over — but I think things than worrying about the dollar."

It wasn't a boast. It was a statement of confidence that the right decision had been made and confidence in a fine family which is cooperating to make the venture successful.

Whether or not you're a fan of the self service meat counter, you can be sure it's here to stay, says Catherine Love, Penn State extension consumer economics specialist. During the past 25 years, self-service meat shopping has grown from 10 such markets in the country to almost 25,000. Estimates are that more than half of all fresh meats sold in all food stores are now self service.

Farm Women 10 Host Husbands At Banquet

Husbands will be the guests of members of Society of Farm Women 10 this afternoon at the Meadow Hills Dining House near New Danville

Mrs Henry C Hershey, 1330 Wabank Road, is in charge of reservations.

At a recent meeting in the home of Mrs Mary Stewart and Miss Frances Lefever, Neffsville, members answered roll call by giving a favorite quotation A donation of $20 was voted to the United Fund Campaign

On Wednesday, October 17, the society will sew at the Lancaster General Hospital. It was announced that the county convention will be held on Saturday, November 3 The society will contribute to the bazaar table

Mrs. Elizabeth Peters from Russia was quest speaker Mrs. Peters, who is now a teacher of languages at Manheim Central High School and Franklin & Marshall College compared farming methods in Russia and the United States.

Weight watchers will be interested to know that dairy foods are relatively low in calories At the same time, no other food group furnishes the quantity and diversity of essential nutrients. In other words, dairy foods are packed with nutrition per calorie

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Pleased with your pullets?

HONEGGER LAYERS

may correct some of the problems in your hen house — especially if you expect more from your hens then you're getting — Try 'em and See!

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MH-30 halts tobacco suckers —increases yield up to 20%

Sprayed correctly at full-flower stage, MH®-30 prevents sucker growth to produce higher quality tobacco. And because remarkable MH-30 retards sucker growth chemically, it cuts the cost and labor of hand suckering tobacco.

More and more growers are producing higher yields of quality tobacco, some as high as 20%, as they eliminate back-breaking hand labor with MH-30 and increase profits Isn't it time you tried it? For full information, see your local supplier or write: Dept. 9163 - MHT, Elm Street, Naugatuck, Connecticut.

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● Silo Gas

(Continued from Page 1)

tions, sometimes results in abnormally high nitrate contents in the plant leaves the experts say. During or immediately after the ensiling process, these nitrates are converted to nitrogen dioxide gas.

This gas is sometimes detected as a yellowish cloud which has an irritating odor similar to laundry bleach. Since it is heavier than air, the nitrogen dioxide gas is often found descending down the silo chute into the feed room and other parts of the barn. If the silo is connected to a milking parlor or cattle barn, serious damage to the cattle often results. The gas may be so diluted it is undistinguishable by the time it reaches the cattle barn, specialists say, yet it can cause serious reproduction problems and other less noticeable effects.

Severely drought stricken crops which have received heavy fertilizer applications should be ensiled only after following detailed precautions

To insure safety for all concerned, the silo area should be well ventilated during the filling process and precaution should be taken to keep children and livestock away from freshly filled silos. Do not open silos for at least six or eight weeks after filling. Suspected forage should be introduced into the livestock ration gradually over a period of seven to 10 days.

Cows should always receive adequate amounts of grain during such a period. Also, it is advisable to feed higher amounts of vitamin A in a grain ration since nitrate contents in forages interfere with vitamin A utilization by animals.

Detailed precautions on handling high nitrogen silage may be obtained from your county agent's office.

● Chicago

(Continued from Page 2)

50 a high since May 1960, Bulk mixed choice and Prime 1150-1350 lbs. 31 00-32 75 Bulk Choice 1100-1350 lbs 29 00-31 50. Numerous loads mixed good and choice 950-1250 lbs. 28 50-29.25, load 875 lbs 28 00, Good 26.00-29. 00, Mostly 26 50-28 50, Standard 23 00-26.00 including Holsteins 23.50-24.75.

COWS: Utility and Commercial cows closed at 14.25-17. 00, mostly 14.50 up, Few Standard 18.00-21.00, Canner and Cutter sold late 13.00-15.50.

SLANGHTER HEIFERS: Two shipments mixed choice and Prime 937 and 971 lbs 29 25, heighest for heifers since May 1960 Numerous loads high choice and mixed choice and Prime 28.75-29 00, Bulk Choice 26 50-28 50, Good 24 50-26 50.

Utility and Commercial bulls closed at 18 50-21 00.

FEEDERS: Choice and Fancy 800 lb. feeding steers 27 00, Good and Choice 550-950 lb. feeders 25.75-26 75, Medium and Good 685 lbs 23 00, Mixed medium and Good 425-550 lb. Heifers 21. 75-23.50.

● Lancaster Poultry

(Continued from Page 3)

16. Same (Arthur Leaman), 5000 MCX, 8-2, Starr Poultry, 18.3; 17. Same (Richard McCauley), 3900 WV, 8-6, Daniel K Good, 18 0; 18 D. E. Horn & Co (Robert Shepard), 8000 WV, 8-5, H. W. Longacre, Inc , 18 2, 19 Same, 7000 WV, 8-5, Starr Poultry, 18 3, 20. Same (Melvin Barge), 1200 WVC, 13-0, Carl B. Risser, 22.0.

21 Same, 2400 WVC, 13-0, Starr Poultry, 23 1; 22 Same, 2400 WVP, 13-0, W. C. Mellinger & Son, 23 0; 23 Same, 1250 WVC, 13-0, W. C. Mellinger & Son, 22.2, 24. Same, 1450 WVC, 13-0, Marvin Sweigart, 22.2, 25. Same, 1550 WVC, 13-0, Daniel K. Good, 22.0.

26. Same (Clarence M. Shuey), 3200 WV, 9-6, Daniel K. Good, 18.4; 27. Same (Richard Myers), 6000 WV, 9-0, Daniel K. Good, 18.2; 28 Same, 1500 WV, 9-0, Daniel K. Good, 18 2; 29. Same, 4500 WV, 9-0, Roy E. Ream, 18 3, 30 Longenecker's Farm, 1320 H-F, H. W. Longacre, Inc , 15 8

31. Same, 1340 H-F, H. W. Longacre, Inc , 15 5, 32. D. E. Horn & Co (Clarence M. Shuey), 6800 WV, 9-6, Starr Poultry, 18 3

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● Tobacco Bed

(Continued from Page 1)

on the bed which was 6 feet by 50 feet in size. The film was supported on a framework of plastic tubing set at right angles to the length of the bed and four feet apart. Flat plastic strips were attached down the center by bolts to form a support for the film. This formed a flat cover about one foot above the bed surface.

Engle reported, "Rain quickly forced the plastic down on the bed surface where it remained for several days" On April 24 this frame and plastic film were removed and replaced with a new frame of semi-rigid plastic tubing. Each support was about eight feet long, so that when the ends were forced about four inches into the soil on either side of the bed, the tube formed a semi-circular arch with the middle about two feet above the bed surface.

Similar tubing was then bolted along the center line of the arches to form a center line support for the film. Next a perforated flat plastic hose of the type widely used for sprinkling lawns and gardens was tied at about 15 inch intervals to the underside of the center support with the perforations facing downward toward the bed surface.

Miniature Greenhouse

Under this system, Engle said, with the plastic film stretched and held down along both sides with soil, the bed presented a smooth, neat appearance for the five weeks it was in place, resembling a small greenhouse, which in fact it was. The plastic at each end was held down with bricks so that it could be opened for ventilation as necessary.

During the next five-week period, temperatures in the three beds were taken at 10 a.m. and 4 p.m. Average soil and air temperatures recorded in the three beds showed that both air and soil temperatures in the glass covered beds was higher in the morning than in either of the other two beds. Temperatures in the cloth covered beds were consistantly lower than either of the other two beds. By afternoon, the soil temperature in the plastic covered beds had equaled the glass covered beds and air temperature under the plastic had gone above the temperature in the other two beds.

The minimum soil temperature recorded was lowest under the glass and highest under plastic, with the cloth covered bed ranging between the two. The maximum soil temperature recorded was highest under glass with only a slightly lower reading under the plastic and somewhat lower reading under the cloth.

Air temperatures of the cloth covered bed at 10 a.m. were about 16 degrees lower than under glass and 12 degrees lower than under plastic. On the average they did not change much between morning and afternoon.

When ventilation was required every other sash was lifted about four inches and both ends of the plastic covered bed were opened fully. The bed was on an east-west axis causing the prevailing westerly winds to give reasonably good ventilation as evidenced by the disappearance of the moisture film which always quickly formed on the inside of the plastic when the bed was closed. No other openings were made in the plastic.

Only three irrigations from the plastic hose were needed under the plastic during the five-week period, with a moderate amount of water being applied each time.

Although the plastic was not applied until 11 days later than the glass, the plants were of equal size at the time the covers were removed on May 21.

Scalding Is Problem

On the final week end before removal of the covers, the plants in the middle section of the plastic covered bed were rather severely scalded, Engle reports. The plants near the ends, being more or less hardened-off were not injured.

On the basis of one season's results, Engle believes that plastic covers offer a real potential as a means of securing tobacco plants for field setting a week or even two weeks earlier than from cloth covered beds. It will be necessary, however, to supply additional ventilation, but Engle believes this could be done by cutting horizontal slits in the plastic on the lee side of the bed about a foot from the top of the arch.

He believes the two mil plastic could be reused for two or three seasons if handled carefully. The slits could be closed with masking tape until the ventilation was needed — about May 1 in this area.

Weed control is an essential with this system, and either steam or chemical sterilization should work well.

Plant Thinner

Engle said, "It would probably be to the grower's advantage to have one or two of his beds seeded at ½ or ⅓ of the usual rate and covered with plastic so that he could set out well-grown plants for his first and second plantings early in the season" While it does not always follow that early harvested tobacco is less likely to suffer shedburn, Engle said, late harvested tobacco is more likely to have this trouble and to also suffer from early freezes after it is hung.

Engle says he plans to do further work on plastic covers with particular emphasis on the ventilation problem, but he does believe present information is enough that farmers should try the plastic covers on a bed or so next spring.

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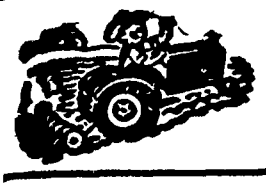

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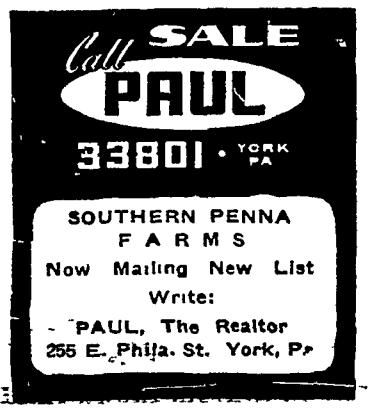

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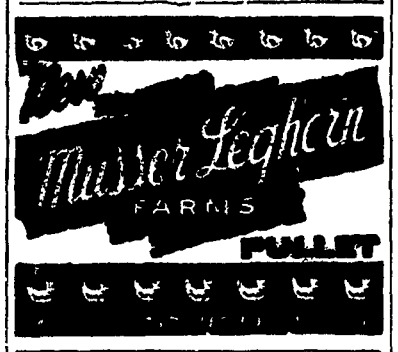

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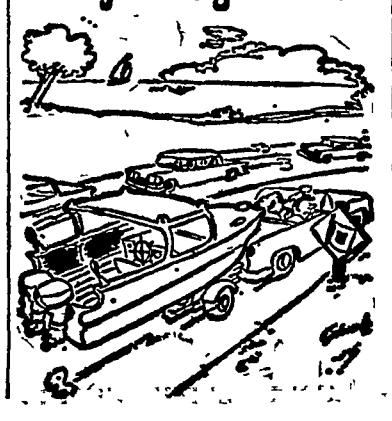

SALE REGISTER

Sat Sept 8 - 1 p m. - Sale of real estate and personal property in the village of Oak Shade 8 mi south of Quarryville, 8 mi west of Oxford. Three bedroom home and furnishings, by Harold and Lola Hess. Norman Hart, Auct.

Sat, Sept. 15—12 noon - Public Sale of Farm machinery and 25 head of mixed dairy cattle. By S. M. (Van) Smoker, 15 mile south of Lancaster - one mile west of Route 72 near Drumore Elementary School. Kreider and Diller,

Sat, Oct. 13 - 2 p.m. — Public Sale of 61 acre farm with complete set of buildings Two miles east of Strasburg and two miles south of Paradise Property known as Esbenshade Turkey Farm By the Lancaster County National Bank for the Estate of Ellis H Esbenshade Claude F Smith, Auct

Redcoat Wheat Yields Well

New Redcoat wheat variety is leading on yield on seven demonstrations, reports Elmer C Pifer, Penn State extension agronomist Yield data is not yet complete from nine other locations.

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I. Fred Stine, Sale Manager - Box 440
Winchester, Virginia

● Crop Summary

(Continued from Page 1)

farmers planning to seed next week.

Most pasture crops in the county were again producing some feed, but many had not recovered fully from the prolonged drought earlier in the summer and dairymen were supplementing pastures with hay or silage

The Pennsylvania Crop Reporting Service announced today that soil moisture conditions in most areas of the Keystone State remained short, but were improved as the week ending September 3, was completed East Central areas had the most moist soil while West Central sections were the driest Late weekend rains fell across Southern parts of Pennsylvania and through the Delaware Valley but their value to crop lands has not as yet been evaluated

CORN: Stalks remained short, but the ears were sizing rapidly In some instances, ears will be normal size but both the size of ear and percent filled will vary widely The late corn crop has made a remarkable recovery from the drought, but yields are still expected to be low Both good and poor acreages exist in all counties The grain was mainly in the dough stage in Northern areas, while a good percentage was dented in the South. Making of silage from corn originally intended for grain continued to be common practice.

HAY and PASTURE: Haying was in progress in most areas Fields in most sections were producing hay crops that earlier forecasts had considered lost because of dryness Growth is still not very rapid, but has improved Pastures were still below average but progressing.

POTATOES: Peak harvest of **Cobbler** variety in the South east was reached at the close of the week Quality was reported excellent with yields fair, but tubers small sized The **fall crop** southeast of the mountain range is not as well "set" as in other areas, but recent rains have increased size In the Central portion of the State potatoes are hurting for moisture The set was good but with lack of moisture an over abundance of size B potatoes is expected In the Potter and Erie County areas an adequate amount of rainfall has been received and it appears that a good crop is in the making Throughout the State no disease or insect damage has been reported.

● FARM PRICES

(Continued from Page 1)

for fruit.

The August 15 index was nearly two per cent higher than a year ago and the highest for the month in four years.

The mid-August index of prices paid for commodities, Services etc , remained at 305 the same as the previous two months but one per cent higher than a year ago

Thus, with no charge in prices paid, the increase in prices paid raised the parity ratio to one point to 80, the same as a year earlier.

● Frey Holstein

(Continued from Page 1)

Maggie, a Holstein, in the herd of Park H. Ranck made 715 pounds of butterfat and 15,931 pounds of milk with a 4 5 test

Rank had three other cows finishing lactations with more than 600 pounds of fat during the month Frey and Keener each had one other cow completing lactation records with over 600 pounds. A total of 48 other cows in the association also had records with over 600 pounds of butterfat.

In monthly averages, the herd of J. Wade Groff made 53 pounds of butterfat per cow during the month. Earl S. Groff and Harry S. Mumma each milked an average 52 pounds of butterfat from each of their cows while the herds of John M King and Willis S Nolt each averaged 51 pounds A 50 pound average was made by the J. Rohrer Witmer herd.

Get the BIG silo unloader value!

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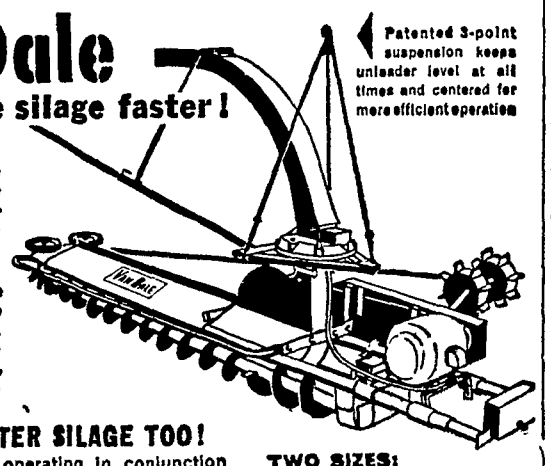

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- Exclusive, adjustable drive hub gives more positive traction, keeps the machine operating evenly, and requires less power.

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The double augers, operating in conjunction with the patented V-paddle impellers, *digs* the silage, mixes it thoroughly, and then *throws* it down the chute. Your cows and cattle get good, palatable silage . . . not a powdered mash as so often happens with unloaders using blowers.

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WHEN YOU ARE READY TO HOUSE YOUR PULLETS!

Pullets moved from range to the laying house find themselves in an entirely new environment, "Strange Quarters", as far as they are concerned.

1. Supply extra fountains around the floor and on the roosts, also feeders.

Some of the birds which looked so nice when you brought them in will have difficulty finding feed and water at first and get uneven and lose some weight unless feed and water consumption is kept at a high level by extra waterers and feeders.

2. Feed #33 EARLY BIRD POULTRY FITTING RATION in hoppers first 2 weeks instead of scratch.

When birds are brought in off range lack of exercise may cause some constipation. Fitting ration helps keep comb color and vigor.

3. When changing to scratch don't have your litter too deep in the house at first.

Scratch in deep litter when pullets are housed is apt to cause a decrease in feed consumption the first few days. Put some scratch in the feeders as well as on the floor at the start.

When chickens are used to their quarters after the first few weeks build up litter gradually to desired depth.

4. If your chickens start to lay on range DO NOT FORGET Oystershells or Calcite Grit.

Without these the birds will draw on her calcium reserve in the bone structure to make the shells. This will eventually result in some weak and poor birds and poor shell quality.

5. Early Bird All Mash Ration or Early Bird Egg Mash and Grain will help you to efficient LOW COST production of quality eggs with just the right yolk color.

If we can be of help to you in any poultry problem, please call your Miller & Bushong representative or dial 392-2145 direct.

NOTE . . .

The care you give your birds during the first month they are housed will largely determine how profitable your flock will be during its laying year.

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"FINEST SERVICE ANYWHERE"

Hearing Set On Milk Order Revisions

The U. S. Department of Agriculture has scheduled a joint public hearing in Philadelphia Sept. 13 to consider proposed amendments to the federal milk marketing orders for the Philadelphia, Pa., and Wilmington, Del., marketing areas.

The hearing will convene at 10 a.m. in the Hotel Adelphia, 13th and Chestnut Streets, Philadelphia. It is being called to provide opportunity for revising some of the pooling, pricing and related milk order provisions.

Necessity for the hearing arises out of a recent Supreme Court ruling which invalidated a compensatory payment provision of the Federal milk order for the adjacent New York-New Jersey marketing area.

USDA has invited proposals from interested parties, and various proposed amendments have been submitted to the Department from producers and milk distributors. The proposals relate principally to coordination of pooling and pricing provisions of the two orders with other Federal orders for nearby markets -- particularly the New York-New Jersey market.

All the specific proposals received call for amendment of only the Philadelphia order. At the hearing, however, there will be a general review, for any indicated revisions, of definitions under both orders for "producer" and "producer milk" and plants will be regulated also pooling provisions in both orders will be reviewed as to their applicability to a related distributing plant which also meets pooling requires under another Federal milk order.

One of the specific proposals for the hearing concerns the pricing of milk to a handler regulated by the Philadelphia order which is distributed in the New York-New Jersey marketing area. As proposed, the Philadelphia handler would pay for milk distributed in the New York-New Jersey order Class I-A price, as is present provided.

Another proposal concerns the pricing of inter-market purchases and sales by a Philadelphia handler of milk from both the New York-New Jersey and the Philadelphia regulated markets

It is also being proposed that the Philadelphia order be amended to provide for the regulation of a plant under the milk order for the marketing area in which the greater volume of fluid milk products is distributed from the plant.

After considering the hearing evidence, USDA may recommend amending the orders. Any amendments would be submitted to producers in each of the markets for approval prior to being put into effect

---

Women were made before mirrors and they have stayed there ever since —Denver Post

Brucellosis Department Gets New Head

HARRISBURG -- Emphasis will continue on brucellosis eradication with a view to achieving certified brucellosis free status for the whole state, Dr. Richard C. Guise, new head of the brucellosis control division, Bureau of Animal Industry, Pennsylvania Department of Agriculture, said today.

The state won certification in 1958 as a modified brucellosis free area (with herd infection of five per cent or less and cattle infection of one percent or less). Meanwhile, three counties -- Forest, Monroe and Philadelphia -- have attained certified free rank (with herd infection of one per cent or less and cattle infection of two-tenths of one per cent or less). Several other counties were reported nearing this classification.

Dr Guise, state veterinarian for the Harrisburg district since June, 1961, takes over as head of the brucellosis on September 1 He was named by Dr William L Henning, state secretary of agriculture, as successor to Dr. Paul V. Clarkson who retires August 31

Native of Ardentsville Adams County, Dr. Guise re-

(Continued on Page 20)

BIG BREAKTHRU in Higher Corn Yields

First 805 "XL" Now the Family

There *is* something *new in corn* . . . something both *new* and *great* . . . and it's *DeKalb's "XL" Family*. In 1959, DeKalb introduced a new single-cross—DeKalb 805. Overnight, 805 became one of America's "most wanted" seed corns. Its all-around performance was outstanding and demand for seed far exceeded supply. This year, the seed supply of 805 has been greatly increased, but in spite of that, the supply could still run short. Now, also for 1963 planting, DeKalb is announcing an *entirely new* family of crosses—the "XL's." This remarkable new family, consisting of Single Cross and 3-Way Type Varieties, is a triumphal achievement in DeKalb Research. These varieties have proved themselves consistent high yielders—excellent "standers" and show remarkable uniformity. But their supply *is* limited . . . so see your DeKalb dealer *quickly*. Make certain you try one or more next season.

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More Farmers have planted DEKALB CORN for 23 Straight Years than ANY OTHER Brand.

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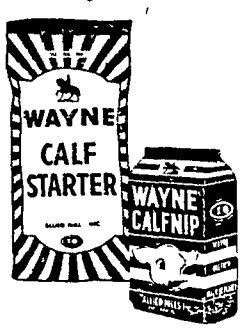

Headstart your calves on Wayne Calfnip Milk Replacer. Leading dairymen say, "Calfnip costs less to feed than milk and helps reduce scours." Follow with antibiotic-fortified Wayne Calf Starter for faster growth on less feed. Or, get economical growth on Wayne Calf Supplement and grain.

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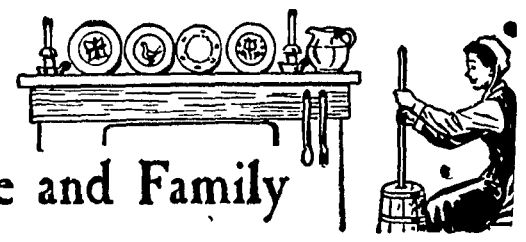

For the Farm Wife and Family

Concentrates - For Quick Flavor

By Mrs. Richard C. Spence

One of the biggest packages of fruit flavor one can find is stored in the tiniest of cans It's fruit juice concentrate, triple-strength source of fresh flavor not only for drinks, but for main dishes, salads and desserts, as well.

Although concentrates of a wide variety of fruits, singly and blended, now may be found orange juice concentrate is probably the most widely accepted

A new use for it is as a marinade for Chicken in Orange This festive entree is a delightful choice for summer entertaining To prepare it, marinate chicken pieces overnight in slightly diluted orange juice concentrate with a touch of grated onion Next day give the chicken a coating of melted butter and packaged corn flake crumbs Baking neatly on a foil-lined pan in just an hour, the chicken requires no turning Orange slices or preserved kumquats are an attractive garnish for the platter

CHICKEN IN ORANGE

1 broiler or fryer, cut up
¾ cup (6-ounce can) frozen orange juice concentrate, thawed
¾ cup water
2 teaspoons grated onion
4 cups corn flakes or 1 cup corn flake crumbs
2 teaspoons seasoned salt
½ cup butter or margarine, melted

Wash and dry chicken pieces Combine orange juice, water and onions in large bowl Add chicken pieces, turning to coat with marinade Cover. Refrigerate overnight If using corn flakes, crush into fine crumbs Combine corn flake crumbs and seasoned salt, mix well Dip chicken pieces in melted butthen roll in seasoned corn flake crumbs Place on foil-lined pan Sprinkle remaining butter over chicken Bake uncovered in moderate oven (350 degrees) about 1 hour, or until tender Garnish with orange slices if desired 4 servings

Concentrated lemonade gives Frosty Lemonade Fluff its name and flavor This dessert, prepared in a refrigerator tray has a crisp corn flake crumb crust, tastily accented with coconut The filling is an airy combination of evaporated milk, gelatin and the frozen lemonade concentrate For a circus touch, use pink lemonade

FROSTY LEMONADE FLUFF

½ cup corn flake crumbs
2 tablespoons snipped, shredded coconut
2 tablespoons sugar
3 tablespoons soft butter or margarine
⅔ cup (6-ounce can) evaporated milk
1 tablespoon unflavored gelatin
½ cup sugar
⅛ teaspoon salt
1 cup water
1 can (6-ounce) frozen lemonade concentrate

Combine corn flake crumbs, coconut, sugar and butter; mix well Press evenly and firmly in bottom of 1-quart ice cube tray, reserving 2 tablespoons crumb mixture for topping, if desired Chill

Pour milk into another ice cube tray, chill in freezing unit until ice crystals form through milk Mix gelatin, sugar and salt thoroughly in a small saucepan. Add water and cook over low heat, stirring constantly, until gelatin is dissolved Remove from heat and stir in undiluted concentrate Chill, stirring occasionally until mixture mounds slightly when dropped from a spoon. Whip milk to stiff froth. Fold in lemonade mixture. Pour into crumb-lined tray; top with reserved crumb mixture. Chill until firm Cut into bars or pie-shaped wedges to serve. 6 to 8 servings.

* * *

Frozen fruit punch concentrates are essentially a combination of freshlemon juice and the fresh fruit puree concentrated and frozen to protect the flavor and health values of fresh fruit. The punches derive their flavor, body, color, appearance, aroma and goodness solely from the wholesome fruit juices each contains, not from added citric acid or from artificial flavors.

Frozen fruit punches add to the daily intake of Vitamin C and to the amout of liquids

(Continued on Page 15)

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Poultry Automation Inc.
Rt. 3, P. O. Box 142, Lititz, Pa.
Tel. MAdison 6-2622 Bruce Babcock, Manager

● Concentrates

(continued from page 14)

needed especially during summer months The punches are a good source of Vitamin C as well as many of the other nutrients found in pure fresh lemon juice and the fresh fruit puree.

Frozen fruit punches are 4 1 concentrates. Each six ounce can will make one quart of punch. You just add water and ice to serve But don't stop there. Each can of punch is a versatile performer that will add flavor to many of your summer beverages, desserts, fruit cups and salad dressings, salads, sauces, cold soups, and main dishes

FRUIT BAKED APPLES

6 apples
½ cup raisins
2 tablespoons butter or margarine
2 tablespoons brown sugar
1 6-ounce can frozen concentrate for fruit punch (any flavor)

Core apples and set in baking dish. Fill cavities with raisins, butter and brown sugar. Cover with thawed fruit punch concentrate Bake in moderate oven (350 degrees) for 30 to 40 minutes or until apples are tender. Makes 6 servings.

* * *

PUNCH PIE

1 envelope unflavored gelatine
¾ cup sugar
1 6-ounce can frozen concentrate for Strawberry-Lemon punch, thawed
1 egg white
1 cup heavy cream, whipped
1 cup fresh, frozen or canned mixed fruit
1 9-inch baked pie shell

Combine gelatine and sugar in saucepan with punch Heat until sugar dissolves Beat egg white until stiff, slowly beat in a little hot syrup Continue adding all syrup gradually while beating Cool slightly Fold in ¾ of the whipped cream and the fruit pieces Fold in ¼ of the whipped cream and the fruit pieces Spoon into prepared pie shell Garnish top with remaining whipped cream and chill until set. Makes 6 to 8 servings.

* * *

FRUIT PUNCH FILLING FOR CAKES

7 tablespoons cornstarch
⅛ teaspoon salt
2-½ cups water
1 6-ounce can frozen concentrate for fruit punch (any flavor)
1 cup heavy cream, whipped

Mix cornstarch, salt and water in saucepan, cook over medium heat until thick and clear Stir in thawed punch, blended well, cool Fold in whipped cream Spread filling between layers of cake and over top

* * *

RASPBERRY RIPPLE PIE

1-¼ cups graham cracker crumbs
2 tablespoons sugar
¼ cup melted butter
1-½ pints vanilla ice cream
3 tablespoons frozen concentrate for fruit punch (any flavor)

Combine first three ingredients and line sides and bottom of ice cube tray Spoon slightly softened ice cream in crust Ripple fruit punch through ice cream Put in freezer until firm. Makes 6 servings.

* * *

SUGGESTIONS FOR FRUIT CONCENTRATES

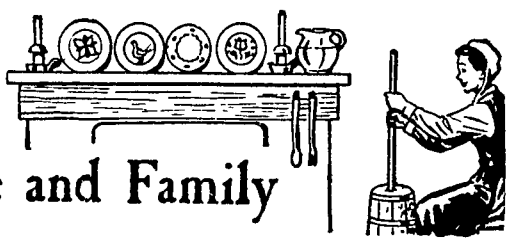
Give a special fruity flavor to summer gelatin salads by using diluted frozen concentrate fruit punch as part of the liquid When partially set, add fresh, frozen or canned fruit and nuts. Serve with commercial sour cream or whipped cream.

You get salad dressing with extra zest by combining 1 can thawed frozen concentrate for Pineapple-Lemon punch with ½ cup salad oil and your favorite seasoning. Serve on crisp greens, fruit or molded salads

Frozen fruit punch adds a new freshness to oven baked chicken Dilute 1 can frozen concentrate for Grape-Lemon punch with 1 can of water Dip chicken parts in punch and roll in bread, cracker or cornflake crumbs Season with salt and pepper and bake uncovered in a shallow baking pan in moderate (350 degree) oven, for 1 hour.

Everyone goes for ice cream sodas. Try Raspberry-Lemon Soda Ripple--for each soda, put a scoop of vanilla ice cream in a tall glass Add ice cold carbonated water, ginger ale or other sweetened carbonated beverage Dribble in two tablespoons of the partially thawed punch concen-

(Continued on Page 16)



For the Farm Wife and Family

Ladies, Have You Heard? . . .

By Jane Thurston

Sweet Corn Now In Good Supply

THURSTON

To keep corn sweet and tender, you must refrigerate it. At high temperatures, the sweetness turns to starch and the corn loses its tenderness.

When storing corn, wrap the ears unhusked in a damp towel and refrigerate until ready to use. If your storage space is limited, you may husk ears and put them in plastic bags in the refrigerator.

For garden fresh corn, buy at stores where corn is kept refrigerated, or buy at roadside stands where corn is usually picked just before it's sold

Don't overcook sweet corn . . . corn loses its sweet flavor when overcooked Young slender ears need only three to four minutes in boiling water. Larger ears take five to six minutes.

* * *

Oranges A Favorite Fruit

If you could have just one fruit or juice for a month, what would it be? A majority of women interviewed in a recent study said they would choose oranges because they consider them healthful, flavorful, and good for the children After questioning consumers about citrus fruits, avocados, dates, and raisins, U S Department of Agriculture workers found that all consumers used fresh citrus fruits This was true of city and rural dwellers, high-and-low-income families with children and without children Consumers of almost every educational and age level were included.

Of the homemakers questioned, only a fourth used avocados In fact, some had never heard of them Consumers used dates during winter holidays and raisins throughout the year

(Continued on Page 17)

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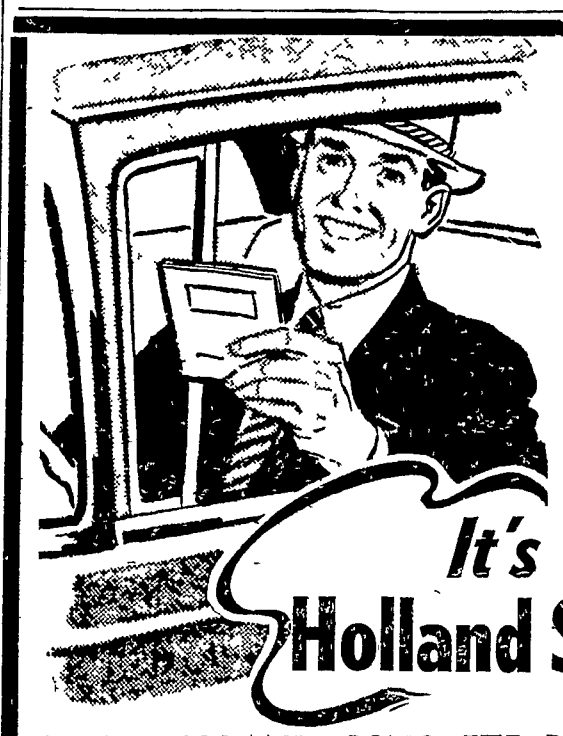

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● Concentrates

(continued from page 15)

trate and give it a stir. Serve at once with colorful straws and longhandled spoons.

Kids of all ages will go for this ice cream treat. Roll scoops of ice cream in shortbread cookie crumbs Put each in a paper cup or dish and top with a spoontul or two of partially thawed frozen concentrate fruit punch. Keep a batch in the freezer--they're handy snacks

These saucy sundaes are specials. Spoon a tablespoon of two of partially thawed frozen concentiate for fruit punch over ice cream Try. (1) Grape-Lemon frozen punch concentrate on vanilla ice cream; top with whipped cream and a sprinkling of cinnamon, (2) Chocolate ice cream with Pineapple-Lemon frozen punch concentrate topped with aminted green cherry or (3) Lemon Custard ice cream topped with punchconcentrate topped with Raspberry-Lemon frozen punch concentrate and slivered almonds.

Dress up creamy baked rice custard or tapioca cream by topping each serving with a spoonful or two of partially thawed concentrate for Grape-Lemon punch.

* * *

FREEZE FRUIT FILLING FOR LATER USE IN PIES

You'll save time now, yet have apple pies ready for winter use if you freeze just the pie filling. You won't need to tie up your supply of pie tins either.

While pie apples are plentiful make up your favorite fillings Slice the apples into a pie tin, add the sugar, flour, cinnamon, butter and lemon juice you would usually use Place a piece of foil or transparent freezer wrap over the filling and freeze until the filling is hard.

Remove the filling from the tin and wrap in heavy duty freezer foil or other freezer wrap You may wish to place the foil in the tin before filling

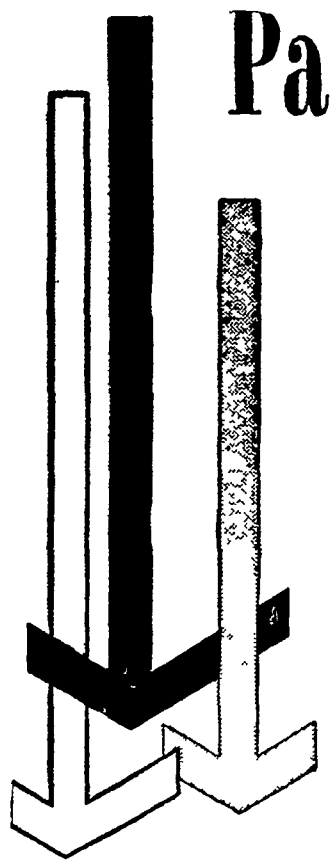
Wrap with a drug store wrap to get all the air out from the pie filling . Mark with the date and kind of filling and store in your freezer.

To bake the pie, just place a bottom crust in a tin of the same size as your filling. Cover filling with a top crust that has vent holes and bake. You may want to bake your pie with only a top crust. It won't serve as nicely but crust means less calories.

You can freeze pies in other ways, too. Make them up and freeze them unbaked, completely bake them or partially bake them so you can brown them and serve them. To partially bake, get them to a light brown color and then refrigerate to cool quickly.

(Continued on Page 18)

Partners in Progress



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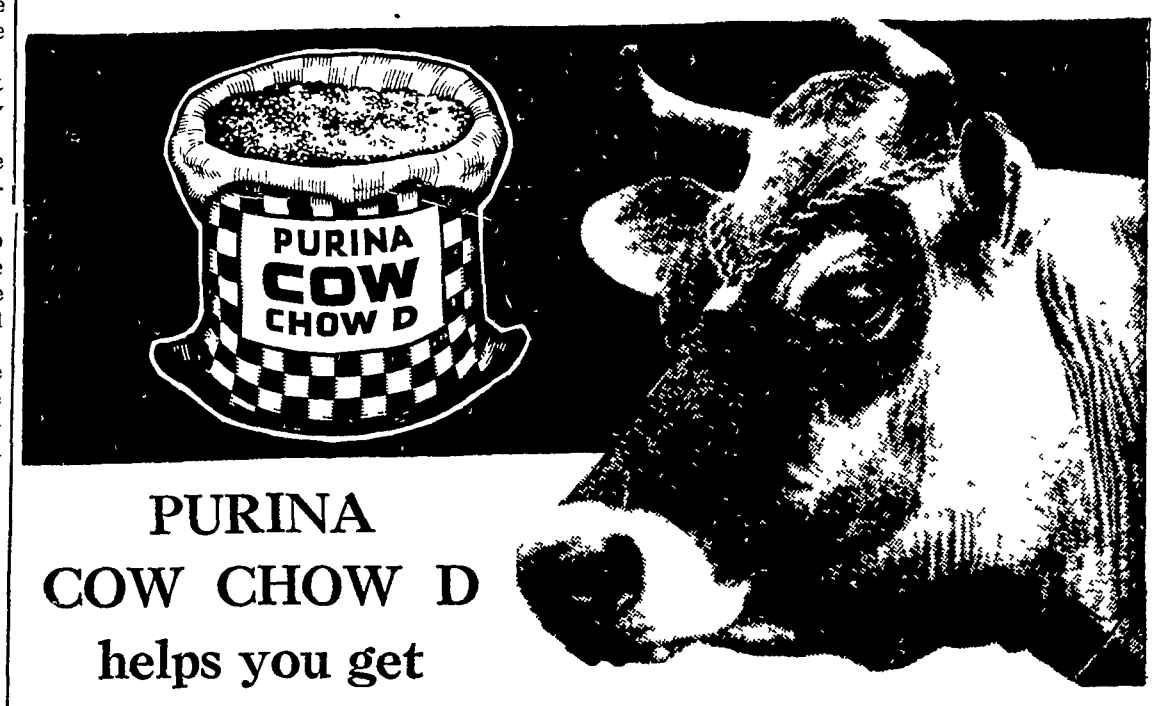


PURINA COW CHOW D helps you get

UP TO A TON MORE MILK PER COW

Purina Cow Chow D was developed by the cows in the Purina Research Farm dairy herd. It took years of painstaking research to develop Cow Chow D, the ration that has the milk-making power to help cows give up to 2,000 lbs. more milk per year. If you're not feeding Purina Cow Chow D to your dairy cows now, come see us. We'll be happy to tell you more about it. Try Purina Cow Chow D — prove to yourself that Purina feeding costs you less.

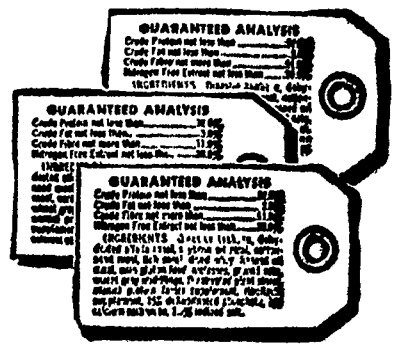
Do You Know . . .

The Ingredient Tag Doesn't Tell All?

Here's a good example of why feed shouldn't be bought on the basis of ingredient tags alone.

Three groups of hogs were fed rations carrying identical ingredient tags at the Purina Research Farm. One was a Purina ration . . . the other two were called X and Y. The three groups of hogs were fed to 165 days.

The Purina ration made a net profit of $12.71 per hog more than Ration Y and $6.46 more than Ration X. Though ingredient tags are important, here's positive proof they don't tell the profit story!



KNOCK OUT FLIES FAST!
Use Purina Dairy Spray

If annoying house flies and biting flies are irritating your cows, help get rid of them with Purina Dairy Spray. Dairy Spray protects your herd from these pests . . . helps cows produce all the milk that's in 'em.

Dairy Spray is safe to use in your barn, milkhouse, and feed room. It's made with a biting fly repellent, MGK 11, plus pyrethrin, lethane, and "Crag" fly repellent.

For complete fly control around your dairy farm, use Purina Dairy Spray and other Purina Fly Killers. They come in a variety of economical sizes at our Checkerboard Store.

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Best Food Buys

Schools Serve Local Produce

It's back to school this week for many important consumers in our area of Pennsylvania. A growing number of these youngsters are going to school without a lunch pail, observes Tom Piper, Penn State Extension Marketing Agent, because school cafeterias are available to provide nutritious, low-cost meals. Our abundant agricultural production has contributed to this development.

Supplies of locally grown fresh vegetables at local markets are seasonally abundant too. Thrifty shoppers will find bargains in these when buying for the daily menu, or if planning to freeze or can them for later use. Summer squash, egg plant, peppers, cucumbers, tomatoes, beans and late season sweet corn are in this class.

Cabbage, new potatoes and sweet potatoes are in plentiful supply. Recent rains and cool nights have brightened prospects for a good crop of broccoli and cauliflower, the harvesting of which is already in progress. Home grown vegetables are at their peak of supply but can be expected to decline rapidly after the middle of September.

Our Pennsylvania peach harvest is rapidly approaching the end; supplies from storage will keep markets active for the next few weeks. Bartlett pears are plentiful with this year's crop 3 percent above average and 7 percent more than last year.

Recent rains should help sizing of the local apple crop; cool nights have been excellent for putting color on the fruit. Harvesting of standard late apple varieties is getting started in various parts of the country. Florida's new crop grapefruit is expected to start soon after mid-September.

Retail values at the meat counter are mostly limited to beef roasts but pork may receive some feature treatment. The short work week and reductions in livestock shipments have boosted beef and lamb prices at wholesale. A new crop of turkeys now reaching the market provides a main dish alternative; fryer prices will be higher than week ago except in those markets seeking to move a carryover supply.

Egg prices remain firm with medium sizes offering better value on a weight basis. Dairy products are economical sources of protein.

ASK YOUR FEED DEALER what's ERN

FISHER & SON
Malvern & Lincoln U.
A. L. HERR & Bro.
Quarryville
KIRKWOOD FEED & GRAIN
Kirkwood
OXFORD GRAIN & HAY
Oxford
CHAMBERS & SMITH
Elkview
WEIGEL BROS.
Oxford

● Have You Heard?

(continued from page 15)

This an' That

More than half the grocers and fifteen per cent of all retail sales now involve trading stamps? There are 1,700 stamp redemption stores in the country and three stamp companies have more than half the business.

* * *

One-third of new housing units in the country are apartment projects?

* * *

It's reported that there are 186 and three-fourths million people in the United States counting our armed forces abroad. Also it's reported that the Washington D. C. area now has as many people as there were in the American Colonies in 1776.

* * * *

A housedress should give enough room across the shoulders, armhole, and waistline so you can move and work with ease. A skirt not too full, but full enough for ease in bending and knooling is essential. Dresses that restrict motion, and sleave seams that rip easily are neither comfortable nor good buys.

* * * *

Save the hangtags from garments and mark them so you'll know to which garment they belong Refer to laundry and cleaning instructions manufacturers give on the handtags Folow instructions faction from today's fibers and carefully for greatest satisfinishes.

* * * *

For a quick tartare sauce for a fish meal, stir instant minced onion into mayonnaise along with a generous measure of chopped parsley, sweet or sour pickel relish, and a squeeze of fresh lemon juice.

Never wash eggs before storing them. Washing removes the natural protective coating which keeps air and foreign odors from entering the shell.

INVENTORY CLEARANCE

$200,000 Worth of

TRACTORS and FARM EQUIPMENT

NEW and USED

Will Be Sold — REGARDLESS of PRICE!!

No Money Down — No Interest Until April, 1963

(On items marked with an asterisk)

1 Cub Cadet Tractor with mower new demonstrator	SAVE $150.
1 T-340 with crawler with 4 in 1 1 bucket	SAVE $1000.
Allis Chalmers H3 crawler with blade Used less than 200 hours	PRICED TO SELL!
T-4 Crawler TA - Live PTO 3 pt. hitch, angle dozer blade	SAVE $1250.
Farmall 504 Diesel - New	SAVE $1000.
Farmall 460 Diesel - Demonstrator	SAVE $1410.
Farmall 560 Diesel - New	MUST SELL!
35 OTHERS TO CHOOSE FROM AT BIG SAVINGS!	
IH No. 5 Chopper - Demonstrator	No reasonable offer refused!
IH No. 15 Chopper with new cornhead New guarantee!	
NH 800 with 2 row cornhead - PTO	½ Price!
*NH 280 Baler	Below invoice!
*McCormick No. 46 Baler - Demonstrator	$1395. w/t
*4 - New McCormick No. 15 rake	$438. w/t
*NH Oil fired Dryer	SAVE $1000.
New McCormick Manure Loaders	As low as $275. mounted
McCormick Heavy Duty Offset Disc Harrow - on wheels	A little more than the price of discs!
*IH No. 91 Combine with 2 row cornhead	Make Offer!
2 ME 2 row mounted corn picker - mounted on Farmall M Tractor	Will sell for price of the tractor!
*NH Chopper	Never lower!
Tobacco Dryer - oil heat	$495.

First Come-First Served – These LOW PRICES. Are Only In Effect For Equipment In Stock! Special Prices For Users Only - No Dealers!

D. L. DIEM & SONS

LITITZ, PA. MA6-2131

● Concentrates

(Continued from Page 16)

Wrap and freeze.

About six months is as long as you will want to keep unbaked fruit pies frozen Pies will probably be good quality for that long. The freezer space used for pies may be better used for other foods

* * *

FREEZE FRUITS WITHOUT SUGAR

If you use your supply of frozen fruits in a few months you may want to put them up without sugar. One advantage of this is that you don't have to guess how much sugar to add when you use them in a recipe Unsweetened fruits won't keep their high quality for as long as the sugar or syrup pack..

For freezing apples and peaches you will want to take some precaution to keep the fruit from darkening. Lemon juice or citric acid may be used but neither is a effective as ascorbic acid. Or for apples, you may steam the fruit for a few minutes before packaging Before you steam the apples, soak them in a solution of 2 tablespoons salt to a gallon of water for about 20 minutes, then drain. Place slices in a single layer in a steamer and hold for about 3 minutes Cool in cold water, drain and pack into freezer containers.

New Holland Sales Stables

Horse Sale — Every Monday at 11 A.M.

Fat Hogs & Calves — Every Monday at 2 P.M.

Dairy Cattle — Every Wednesday at 12:30

Beef Cattle and Calves — Every Thursday at 12:30

JOHN H. GINGRICH, Mgr.

Ph. New Holland EL 4-2194 New Holland, Pa.

PUBLIC SALE

Complete Dispersal

OF

Dairy Cattle & Farm Equipment

15 Miles South of Lancaster, 3 Miles South of the Buck, 1 Mile West of Route 72, near Drumore Elementary School, Drumore Township, Lancaster County, Pa.

Saturday, September 15, 1962

11:00 A.M., Sharp

21 Head of DAIRY CATTLE

16 Milking Animals, 8 Holsteins (2 registered); 8 Guernseys (7 registered); 5 Heifers, 3 Bred for Fall and 2 Yearlings. Certified and Accredited with Charts.

FARM MACHINERY

AC WD 45 Tractor with 2-Bottom, 2-Way Roll Over Plow, (Mounted); AC Forage Harvester with Corn and Grass Head; NH Blower, Forage Wagon with False Endgate, (Claffey unloading unit); NH 76 Baler with Motor; AC 7 ft. Semi Trailer Mower; Brillion Hay Crusher; AC Side Rake, 2 Speeds and Tedder; David Bradley 5 ft. Mower; AC Disc Harrow; Case 11 Hoe Grain Drill; Black Hawk Corn Planter, like new; Steel Roller and Spike Harrow; Cultipacker; New Idea Manure Spreader, Rubber Tired Farm Wagon and Two Wheel Trailer, Single Row Transplanter; Case Hammermill; 10 ft. Dump Rake; Roll Over Dirt Scoop; ½ Ton Feed Mixer; ½ Ton Grain Bin; Corn Sheller; Platform Scales; Large Air Compressor; 13 in. Case Silo Filler; Electric Winch.

MILKING EQUIPMENT

2 Unit Surge Milkers with Pump; Seamless 10 Gallon Water Heater; Can Rack; Double Tubs; 14 Milk Cans; Stewart Electric Clippers.

1st, 2nd, 3rd CUTTING OF ALFALFA HAY
8 TONS STRAW 7 ACRES OF CORN BY THE ACRE
APPROX. 300 BUSHELS OF BARLEY

HOUSEHOLD GOODS

15 Cubic Ft. Amana Upright Freezer; Living Room, Dining Room, Bedroom Suites; 12x23½ Living Room Rug, like new, Rose Beige; Odd Bed; 2 Electric Refrigerators; Electric Stove; Etude Electric Organ, like new; Easy Spin Rinse Washer; Electric Roaster; Chest of Drawers; Odd Beds; Dinette Set; Hall Rack; Floor and Table Lights; Old Dressers; Canners; Crocks, many other articles too numerous to mention.

TERMS BY

S. M. (Van) Smoker

J. Everett Kreider and Carl Diller, Auctioneers
LUNCH BY LADIES OF NEW PROVIDENCE CHURCH

PUBLIC SALES of Dairy Farms Dairy Cattle & Farm Equipment

SATURDAY, SEPTEMBER 8

At Sangerdale Farms, Myerstown, Pa. 93 Angus. Selected from some of Penn's best breeders. Cow with calves, bred heifers, bulls, etc.

FARMERS OPPORTUNITY SALE ASSOCIATION

WEDNESDAY, SEPTEMBER 19

At Sangerdale Farms, Myerstown, Pa. Ayrshire Sale. Selling are a selected group of fresh cows and 1st calf heifers. Certified and vacc.

SANGER & SENSENIG

SATURDAY, OCTOBER 6

2 miles southeast of Lenhartsville, Berks Co. 197 Acre Farm. Herefords and Equipment. Sale at 9:30 A.M.

NORMAN KESTLER, Owner

WEDNESDAY, OCTOBER 10

4 miles East of Fredericksburg, Berks Co. 100 Acre Dairy Farm. Sale at 1:00 P.M.

PHARES HOAK, Owner

THURSDAY, OCTOBER 11

At Sangerdale Farms, Myerstown, Pa. Shorthorn Club Sale, 4-H Club Calves, Sale at 1:00 P.M.

PA. SHORTHORN ASS'N.

SATURDAY, OCTOBER 13

Near Friedensburg, Schuylkill Co. Brown Swiss Dispersal. Entire herd and Farm Equipment.

J. FRANKLIN CHAMBERS

The Above Sales Handled By The

SANGER LAND & CATTLE AUCTION CO.

PAUL E. SANGER, Auct. Leroy Sensenig, Pedigrees
FOR DETAILS CALL MYERSTOWN 866-4725

COWS PROPERLY CONDITIONED ...during the dry period PRODUCE UP TO 25% MORE MILK!

BEFORE CALVING This cow was fitted on the Pioneer program for 60 days before calving. Note the excellent "dry cow" body condition.

AFTER COMPLETING RECORD The same cow after having produced 23,044 lbs. of milk and 941 lbs. of fat as a 4 year old. Note the extreme dairyness and exceptional body condition shown after this cow produced 11½ tons of milk!

600 pounds of PIONEER DRY and FRESHENING yields an extra TON OF MILK!

Proper feeding of the dry cow is the most important single factor affecting herd-health, longevity, and a sustained high level of milk production. In 60 days, while the cow is dry, Pioneer Dry and Freshening feed will repair the body from the previous lactation, build a reserve of body condition for the next lactation, and develop a stronger calf. In addition your cows will have less calving difficulties, eliminate placenta quickly, have less udder congestion, and *most importantly they will produce up to* **25%** more milk!

See us today for full particulars.

PIONEER

Joseph M. Good & Sons

LEOLA — QUARRYVILLE

P. B. GUERNSEY DISPERSAL

Ralph I. and Frances Blew, Owners, Bernville, Pa.

THURSDAY, SEPT. 13, 1962 — 7:30 P.M. (Sharp)

At the Ass'n. Sales Pavilion, 6 mi. E. of Lancaster, Pa. on Rt. 30

62 HEAD - 47 COWS - 2 BRED & 13 OPEN HEIFERS!
"26 fresh from June on and due through October"
52 Vaccinated T. B. & Bangs' Cert.

The herd has been on DHIA for 15 years. Twenty-eight of the cows from 400# up to 500#, most of them immature.

On August 20th (the hottest day since '55) the cows in milk averaged 39.2#, with 10 of the real top dry and due before the sale or right after.

One hundred per cent Lehigh Valley Coop. breeding.

SALE MANAGED BY:

THE PENNA. GUERNSEY BREEDERS' ASS'N.

P. O. BOX 458 CAMP HILL, PA.

Nutritionists and food economists often compare the proportion of the nation's food supply derived from each commodity group with the proportion of the consumer's food dollar spent for each food group Dairy foods rank at the top of this comparison because while only a fifth of the food dollar is spent for dairy foods, considerably more than a fifth of the total nutrients in the national food supply is derived from dairy foods.

Soil Test

If you plan to make an August seeding, are you sure how much lime and fertilizer is needed per acre? Not being sure may make the difference between a good "catch" or failure Have your soil tested, says Wayne Hinish, Penn State extension agronomist

Sawdust Makes Good Mulch

Read The Want Ads

FERNBROOK FARMS

GUERNSEY DISPERSAL

At the farm, Georgetown Rd., Bordentown, N.J. — Paul Hilladson, owner. Easy to reach from Pennsylvania via Turnpike. Farm is only 2½ miles from Exit 7 of the N. J. Turnpike.

THURS., SEPTEMBER 13 - 11:30 A.M. (EDT)

100 HEAD — 2 bulls, 58 cows, 14 bred and 17 open heifers, 9 calves

Calving Schedule: 8 in Aug., 5 in Sept., 3 in Oct., 7 in Nov., 3 in Dec.

IN THE SALE ARE: 17 daughters of Mulhocaway Butterfat Hollirex (Gold Star Sire): 14 daughters of Mulhocaway Butterfat Dolphin (a ¾ brother to "Dispatch", sold to Curtiss for $20,000) and 4 daughters of Yellow Creek Jewel Supreme (Gold Star Sire) with many bred to him.

Many cows over 10,000 lbs. milk 2x under farmer breeder conditions. The 1961 herd average was 9365-477. This is a sound herd of profitable producing cows and promising heifers.

Sale managed by: For catalogs write:

BUZZ GAREY

100 Walnut Lane, Morrisville, Bucks County, Pa. CY 5-2941

Livestock Auction Market

EVERY TUESDAY

Starting Promptly at 2 p.m.

Starting with bulls, steers, heifers, cows, hogs and calves.

We get top $$ for your Livestock

Give us a call — HI 2-4181

Vintage Sales Stables, Inc.

VINTAGE, PA.

Frank Dussinger, Manager

1962 Special Cattle Sales

Abingdon Livestock Market, Inc.

ABINGDON, VA. PHONE 628-3551

Sale Every Thurs. — All Classes of Livestock

500-1000 lb. Native Steers — Native Steer & Heifer Calves

600 to 2988 HEAD FOR EACH SALE

First Hereford Steer Sale — Tuesday, Sept. 18
Angus Steer Sale — Tuesday, Sept. 25
Angus Calf Sale — Tuesday, Oct. 2
Second Hereford Feeder Steer Sale — Tuesday, Oct. 9
State Feeder Calf Sale — Tuesday, Oct. 16
Tri-State Feeder Calf Sale — Tuesday, Oct. 23
Third Hereford Feeder Steer Sale — Tuesday, Oct. 30
Feeder Pig Sale (1000 Graded-Vaccinated) — Tues., Nov. 13

All pigs will be vaccinated for Cholorea, Wormed, and De-Loused. They will be officially graded by Virginia Division of Markets and will be weighed-in and sold at 3:00 P.M. on sale date.

PIG SALE STARTS AT 3:00 P.M.

Hereford Heifer & Cow Sale — Tuesday, Nov. 20

1000 Bred Cows/Heifers. Spon. by Va. Hereford Ass'n.

CATTLE SALES START PROMPTLY 1 P.M.

Tazewell Livestock Market, Inc.

TAZEWELL, VA. PHONE 982-9921

Sale Every Mon. — All Classes of Livestock

Tazewell Feeder Steer Sale — Wednesday, Oct. 10
800 Native Steers — 500 - 1000 lbs.

Tazewell Feeder Calf Sale — Wednesday, Oct. 17
800 Native Steer and Heifer Calves

All cattle in the sales at both markets will be officially graded by Virginia Division of Markets and will be weighed-in on the day preceeding the sale date. Check with your County Agent, the Sales Committee or the Markets for further information.

CATTLE SALES START PROMPTLY 1 P.M.

FOR ADDITIONAL INFORMATION WRITE OR CALL

Abingdon Livestock Market, Inc.

ABINGDON, VA. A FEDERALLY SUPERVISED MARKET PHONE 628-3551

Potato Spraying Keeps Sprouts Controlled

Maleic hydrazide sprayed on green potato vines in the field will control sprouting of the tubers in storage, says Elmer Pifer, extension agronomist.

This chemical will prevent sprouting of potatoes for 6 months longer than untreated potatoes even at storage temperatures of 55 to 65 degrees Fahrenheight

Maleic hydrazide is of value for table stock potatoes which must be stored for several months It has a distinct advantage for potatoes for the potato chip processor by allowing potatoes to be stored at relatively high temperatures which prevent the accumulation of sugars in the tubers.

It must NOT be used on potatoes which will be used for seed as it will hinder their desired sprouting, Pifer cautioned.

This chemical should be sprayed after the tubers have formed and while the vine is green to allow movement of the maleic hydrazide into the tuber Spraying should be done at least a week after blossoms fall For varieties where flowering does not occur, apply 4 to 6 weeks before potatoes are mature and ready for harvest Maleic hydrazide should be applied when no rain is expected for 24 hours

Maleic hydrazide is sold commercially as MH-30

Be sure to follow the manufacturer's label directions in the use of maleic hydrazide as a sprout inhibitor, he said.

Cheese has achieved a remarkable public acceptance in the past 15 years. Per capita consumption was 8 5 pounds in 1961; this was 20% higher than in 1947 Few other foods can match this expansion in consumer demand

Bulk Spreading Service

Dealers for — FERTILIZER and LIMESTONE

Bird-in-Hand
Ph. Leola OL 6-2229

SMUCKER BROS.

EASY BUDGET PLAN!

You pay in equal installments spread over the year —avoiding big bills in cold months when oil consumption increases.

GARBER OIL CO.

MOUNT JOY, PA.
Ph. OL 3-2021
105 Fairview St.

Vine Killing Ups Quality Of Potatoes

Potatoes should not be dug until the vines have been dead 10 days to 2 weeks. Properly matured potatoes are less easily skinned or bruised, according to Elmer Pifer, extension agronomist from the Pennsylvania State University.

If potato vines have not been killed by early frosts or by insects, killing can be done by mechanical beaters or by chemicals Vine beaters with rubber flails or chains do a good job of destroying the vines but they destroy only two rows at a time.

Chemical sprays can be applied with regular potato spray equipment. In most cases a good vine kill can be obtained with chemicals in 4 to 10 days, depending on the weather after application. A repeat application in 5 to 7 days may be necessary to kill the lowed part of vines where growth is very heavy.

Research work has shown that chemical vine killers achieve more effective vine kill and better ripening and skinset than mechanical beating. Vine beaters should be used only when necessary to remove dead or partially dead tops.

The most effective chemical for vine killing is sodium arsenite Sodium arsenite is very poisonous so great care must be taken to avoid spraying where material can drift to areas where cattle graze. Chemical vine killers should be applied 10 to 14 days before harvest. (Not closer than 7 to 10 days).

Chemical vine killing is of great value in the control of late blight tuber rot where blight is present on the foliage. Most tuber infections result when the digging operation mixes tubers with blighting tops. Killing the vines before harvest removes the danger of infection when digging. DEAD VINES DO NOT CARRY LATE BLIGHT.

Various brands of sodium arsenite carry widely different percentages of actual chemical — follow the label directions to obtain the correct dilution, Pifer said.

Ernest J Neill (center), first editor of Lancaster Farming, is shown above following his appointment as chairman of the public relations committee of the American Feed Manufacturers Association. Emmett Barker (left), public relations director for the AFMA, is shown with the AFMA plaque of appreciation as it was given to the immediate past chairman of the committee, John L Schlick (right), public relations director for Murphy Products Co , Burlington, Wisc

Best Use Of Fan

To use a ventilating fan most effectively in the kitchen, run it as your building up moisture while cooking, advises Helen Bell, Penn State home management extension specialist This keeps turning the moisture out of the room instead of letting it build up and expecting the fan to clear the room quickly

USDA Records Tax Exemption Variations

Tax boards in some states offer the farmers many more tax exemptions than other states do, according to a report issued this week by the U. S. Department of Agriculture. And the differences are much more marked on some personal and farm property than on others.

Here are a few of the differences: Tractors are taxed in 34 states; seven states completely exempt from machinery and tools Sheep less than nine months old in Iowa are exempt, but in Vermont they become taxable at four months. Seven states do not tax livestock, while 17 grant partial exemptions through varying methods

The report prepared by USDA's Econoic Research Service, describes how states tax personal property that is used in agriculture It compares exemptions by state and region in the following categories: Farm tools and machinery, livestock, poultry, growing crops, stored crops and seed, tractors and farm trucks and automobiles used in production.

A free copy of the report "Taxation of Tangible Personal Property Used in Agriculture," **ERS-86, may be obtained from the Division of Information, Agricultural Economics, U.S. Department of Agricultural Economics, U S. Department of Agriculture Washington 25, D. C.**

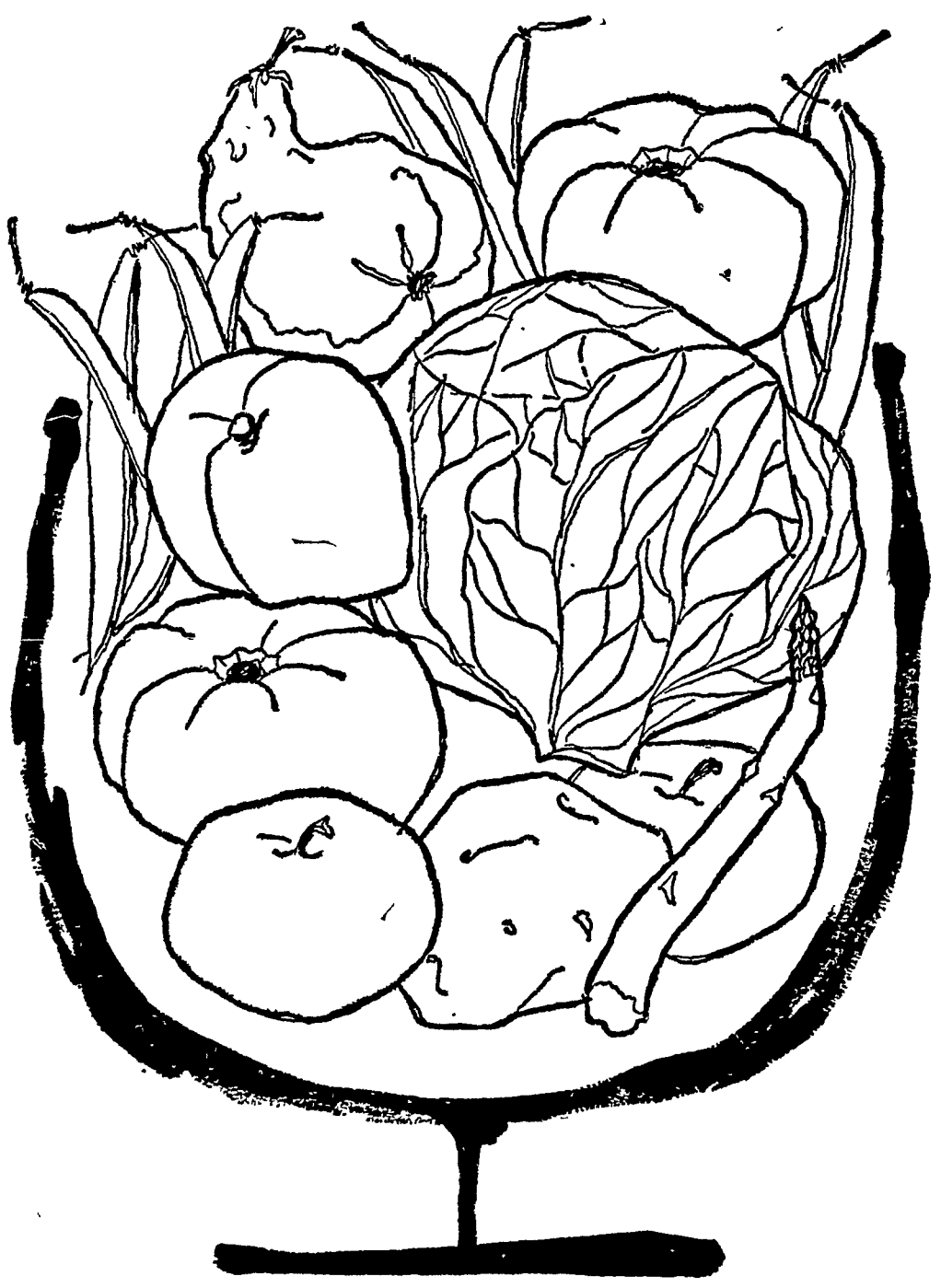
● Bruccellosis Dept.

(Continued from Page 13)

ceived his public school education there, was graduated from Gettysburg College, Tau ght school for five years in Donaldson, Schuykill County and in 1944 received his MA degree from the University of Pennsylvania

He and Mrs. Guise, the former Lois Harbold, Dallastown, are parents of three children: Judith, 17; Steven, 15 and Mark, 8.

Reap profits—read the classified



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SAFE CLOSE TO HARVEST

MILLER

MALATHION 8 E.C.

The insect season isn't over until the last bean or tomato or apple has been picked. Use Miller Malathion 8 E.C. safely up to 1, 3, or 7 days of harvest on most crops.

It's concentrated to go farther . . . cost less. Reduces danger of plant injury because it contains no oil solvents. Miller Malathion 8 E.C. is compatible with other insecticides and is safe to use because of its low toxicity. Make sure it's *Miller Malathion 8 E.C.!*

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